SEP 24 2013

Ms. Wendy Garcia
CBUS OPS dba Turner Road Vintners
4614 West Turner Road
Lodi, CA 95242

Re: Proposed ATC / Certificate of Conformity (Significant Mod)
District Facility # N-4939
Project # N-1132719

Dear Ms. Garcia:

Enclosed for your review is the District’s analysis of an application for Authorities to Construct for the facility identified above. You requested that Certificates of Conformity with the procedural requirements of 40 CFR Part 70 be issued with this project. The applicant proposes to correct the equipment description of 93 existing concrete tanks to specify that they are gas-tight with an enclosed top and to change the tank from wine fermentation service to be used solely as a wine storage vessel.

After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the Authorities to Construct with Certificates of Conformity. Please submit your comments within the 30-day public comment period, as specified in the enclosed public notice. Prior to operating with modifications authorized by the Authorities to Construct, the facility must submit an application to modify the Title V permit as an administrative amendment, in accordance with District Rule 2520, Section 11.5.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-8000 FAX: (559) 230-8061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com
Thank you for your cooperation in this matter.

Sincerely,

David Warner
Director of Permit Services

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email
NOTICE OF PRELIMINARY DECISION
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND
THE PROPOSED SIGNIFICANT MODIFICATION OF FEDERALLY
MANDATED OPERATING PERMIT

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed significant modification of CBUS OPS dba Turner Road Vintners at 4614 West Turner Road, Lodi, California. The applicant proposes to correct the equipment description of 93 existing concrete tanks to specify that they are gas-tight with an enclosed top and to change the tank from wine fermentation service to be used solely as a wine storage vessel.

The District's analysis of the legal and factual basis for this proposed action, project #N-1132719, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and at any District office. This will be the public's only opportunity to comment on the specific conditions of the modification. If requested, the District will hold a public hearing regarding issuance of this modification. For additional information, please contact the District at (559) 230-6000. Written comments on the proposed initial permit must be submitted by October 28, 2013 to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.
San Joaquin Valley Air Pollution Control District
Authority to Construct Application Review
Winery: Correct Equipment Description of 93 Concrete Tanks and
Remove Fermentation and Add Storage Capabilities

Facility Name: CBUS OPS dba Turner Road Vintners     Date: August 26, 2013
Mailing Address: 4614 West Turner Road                 Engineer: Jesse A. Garcia
                Lodi, CA 95242                                 Lead Engineer: Joven Refuerzo
Contact Person: Wendy Garcia                          Telephone: (559) 661-5534
Fax: (559) 661-3429                                    E-Mail: Wendy.garcia@cbrands.com
Application #: N-4939-2-3 through -95-3
Project #: N-1132719
Deemed Complete: August 19, 2013

I. Proposal

The primary business of CBUS OPS dba Turner Road Vintners (hereafter referred to as Turner Road Vintners or TRV) is the production of table wines and related beverages. TRV has submitted Authority to Construct (ATC) applications for the following:

- Correct the permit description for each existing concrete fermentation tank to indicate that these tanks are closed top and gas-tight per Rule 4694.
- Remove capability of tanks to ferment and allow tanks to store wine only.

Each tank proposed for modification in this project has an outstanding valid ATC; the applicant proposes to implement the outstanding ATCs prior to or concurrently with the ATCs in this project. Therefore, the following typical condition will appear on each ATC:

- Authority to Construct (ATC) N-4939-2-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]

TRV received their Title V Permit on October 31, 2004. This modification can be classified as a Title V significant modification pursuant to Rule 2520, Section 3.20, and can be processed with a Certificate of Conformity (COC). Since the facility has specifically requested that this project be processed in that manner, the 45-day EPA comment period will be satisfied prior to the issuance of the Authority to Construct. TRV must apply to administratively amend their Title V Operating Permit to include the requirements of the ATC(s) issued with this project.
II. Applicable Rules

Rule 2201  New and Modified Stationary Source Review Rule (4/21/11)
Rule 2410  Prevention of Significant Deterioration (12/26/12)
Rule 2520  Federally Mandated Operating Permits (6/21/01)
Rule 4001  New Source Performance Standards (4/14/99)
Rule 4002  National Emissions Standards for Hazardous Air Pollutants (5/20/04)
Rule 4102  Nuisance (12/17/92)
Rule 4694  Wine Fermentation and Storage Tanks (12/15/05)
CH&SC 41700  Health Risk Assessment
CH&SC 42301.6  School Notice
Public Resources Code 21000-21177: California Environmental Quality Act (CEQA)
California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000-15387: CEQA Guidelines

III. Project Location

The facility is located at 4614 West Turner Road in Lodi, CA. The equipment is not located within 1,000 feet of the outer boundary of a K-12 school. Therefore, the public notification requirement of California Health and Safety Code 42301.6 is not applicable to this project.

IV. Process Description

TRV produces both red and white table wines, as well as other specialty wine products, from the fermentation of grapes. During the “crush season,” typically from late August to late November, both red and white grapes are received by truck and delivered to a crusher-stemmer which serves to crush the grapes and remove the stems. In the case of red wines, the resultant juice (termed “must” and containing the grape skins, pulp and seeds) is pumped to red wine fermentation tanks for fermentation, a batch process. The red wine fermentation tanks are specifically designed to ferment the must in contact with the skins and to allow the separation of the skins and seeds from the wine after fermentation. In the case of white wines, the must is sent to screens and presses for separation of grape skins and seeds prior to fermentation. After separation of the skins and seeds, the white must is transferred to a fermentation tank. White wine fermentation can be carried out in a tank without design provisions for solids separation since the skins and seeds have already been separated.

After transfer of the must (for red or white wine) to the fermentation tank, the must is inoculated with yeast which initiates the fermentation reactions. During fermentation, the yeast metabolizes the sugar in the grape juice, converting it to ethanol and carbon dioxide while releasing heat. Temperature is typically controlled by refrigeration, and is maintained at 45–70 °F for white wine fermentation and 70–85 °F for red wine fermentation. The sugar content of the fermentation mass is measured in °Brix (weight %) and is typically 22–26° for unfermented grape juice, dropping to 4° or less at the end of fermentation. Finished ethanol concentration is approximately 10 to 14 percent by volume. Batch fermentation requires 3-5 days per batch for red wine and 1-2 weeks per batch for white wine. VOCs are emitted during the fermentation process along with the CO₂. The VOCs consist primarily of ethanol along with small quantities of other fermentation byproducts.
Following the completion of fermentation, white wine is transferred directly to storage tanks. Red wine is first directed to the presses for separation of solids and then routed to the storage tanks. All tanks in the winery typically operate as two separate emissions units: (1) a fermentation operation during which the tank is vented directly to the atmosphere to release the evolved CO2 byproduct from the fermentation reaction; and (2) a storage operation during which the tank is closed to minimize contact with air and refrigerated to preserve the wine. Post-fermentation operations such as cold stabilization, racking, and filtration are conducted in the tanks, resulting in a number of inter-tank transfers during the period between the end of fermentation and bottling or bulk shipment. Storage operations are conducted year-round. VOC emissions occur primarily as a result of the inter-tank transfers which are necessitated by the post fermentation operations.

V. Equipment Listing

Pre-Project Equipment Description:

- The facility currently has 93 red and white wine fermentation tanks permitted and proposed for modification.

Proposed Modification:

- Correct the permit description for each existing concrete fermentation tank to indicate that these tanks are closed top and gas-tight per Rule 4694.
- Remove capability of tanks to ferment and allow tanks to store wine only
- See Appendix A for Equipment Descriptions

VI. Emission Control Technology Evaluation

VOCs (ethanol) are emitted from wine storage tanks as a result of both working losses (which occur when the liquid level in the tank changes) and breathing losses (expansion and contraction effects due to temperature variations). Typically, pressure/vacuum valves limit these emissions by requiring the maximum amount of variation in tank pressure before allowing the tank to vent to the atmosphere or allowing air admission to the tank; however, these tanks are gas-tight (per Rule 4694) and remain gas tight throughout the entire storage phase. During filling, a 10" or 18" hinged manway that is equipped with a rubber gasket to ensure the tank is maintained gas-tight during storage, is opened to allow displaced air/vapors to be vented to the atmosphere (similar in practice to other storage tanks in the industry). The proposed tanks can be considered pressure vessels to a minimal degree as the tanks remain sealed and the structure of the tanks absorbs the force exerted on it by any pressure or vacuum that is created during storage. Therefore, the gas-tight concrete tanks can be considered equivalent to a P/V valve as the control efficiency is equal to or greater than tanks equipped with a P/V valve. When wine storage tanks are insulated or located in a climate controlled building, breathing losses are considered to be negligible.
VII. General Calculations

A. Assumptions

- Since no maximum ethanol content of stored wine is listed on permits, a worst case of 23.9% will be assumed.
- Daily Potential to Emit for each wine tank will be calculated on a tank-by-tank basis as outlined in District FYI-114, Estimating VOC Emissions from Wine Storage Tanks.
- The daily breathing losses from storage of wine are assumed to be negligible since all tanks are insulated (or equivalent) with P/V valve (or equivalent).
- Annual post-project emissions will be limited by the existing SLC.

B. Emission Factors

The uncontrolled emission factors for fermentation operations are taken from District FYI-114, *Estimating VOC Emissions from Winery Tanks*.

**Red Wine Fermentation**
- Daily: 3.46 lb-VOC/1000 gallons tank capacity per day
- Annual: 6.2 lb-VOC/1000 gallons fermented per year

**White Wine Fermentation**
- Daily: 1.62 lb-VOC/1000 gallons tank capacity per day
- Annual: 2.5 lb-VOC/1000 gallons fermented per year

The required emission factors for storage operations are taken from District FYI-114, *Estimating VOC Emissions from Winery Tanks*:

**Wine Storage Working Losses @ 23.9% Ethanol**
- Daily: 0.364 lb-VOC/1000 gallons throughput
- Annual: 0.212 lb-VOC/1000 gallons throughput

C. Calculations

1. Pre-Project Potential to Emit (PE1)

   a. Daily PE1 for each existing wine fermentation tank emission unit:

      See Appendix B

   b. Annual PE1 for each existing wine tank emission unit:

      The tanks being modified in this project are incorporated into an existing Specific Limiting Condition (SLC) (established in Project N-1130191) which limits the annual storage and fermentation emissions from all tanks at the facility.

      Therefore,
### Annual Pre-Project Potential to Emit PE1 (lb-VOC/year)

<table>
<thead>
<tr>
<th></th>
<th>Storage Operations</th>
<th>Fermentation Operations</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Operations</td>
<td>182,400</td>
<td>77,338</td>
<td>259,738</td>
</tr>
<tr>
<td>Fermentation Operations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Post Project Potential to Emit (PE2)**
   
a. Daily PE2 for each wine storage tank emissions unit:

   See Appendix B
   
b. Combined annual PE2 for fermentation and storage operations:

   The tanks proposed in this project will be incorporated into the existing Specific Limiting Condition (SLC) which limits the post project annual emissions from existing tanks and modified tanks.

   Therefore,

   \[
   \text{PE2} \quad (\text{existing + modified tanks}) = \text{PE1} \quad (\text{existing tanks}) = 259,738 \text{ lb-VOC/yr}
   \]

3. **Pre-Project Stationary Source Potential to Emit (SSPE1)**

   Pursuant to Section 4.9 of District Rule 2201, the Pre-Project Stationary Source Potential to Emit (SSPE1) is the Potential to Emit (PE) from all units with valid Authorities to Construct (ATC) or Permits to Operate (PTO) at the Stationary Source and the quantity of emission reduction credits (ERC) which have been banked since September 19, 1991 for Actual Emissions Reductions that have occurred at the source, and which have not been used on-site.

<table>
<thead>
<tr>
<th>Permit Unit/ERC</th>
<th>NO\textsubscript{X}</th>
<th>SO\textsubscript{X}</th>
<th>PM\textsubscript{10}</th>
<th>CO</th>
<th>VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-4939-1-3</td>
<td>235</td>
<td>6</td>
<td>9</td>
<td>119</td>
<td>12</td>
</tr>
<tr>
<td>SLC for all wine tanks</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>259,738</td>
</tr>
<tr>
<td>SSPE1</td>
<td>235</td>
<td>6</td>
<td>9</td>
<td>119</td>
<td>259,750</td>
</tr>
</tbody>
</table>

4. **Post Project Stationary Source Potential to Emit (SSPE2)**

   Pursuant to Section 4.10 of District Rule 2201, the Post Project Stationary Source Potential to Emit (SSPE2) is the Potential to Emit (PE) from all units with valid Authorities to Construct (ATC) or Permits to Operate (PTO) at the Stationary Source and the quantity of emission reduction credits (ERC) which have been banked since September 19, 1991 for Actual Emissions Reductions that have occurred at the source, and which have not been used on-site.
SSPE2 (lb/year)

<table>
<thead>
<tr>
<th>Permit Unit/ERC</th>
<th>NOₓ</th>
<th>SOₓ</th>
<th>PM₁₀</th>
<th>CO</th>
<th>VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-4939-1-3</td>
<td>235</td>
<td>6</td>
<td>9</td>
<td>119</td>
<td>12</td>
</tr>
<tr>
<td>SLC for all wine tanks</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>259,738</td>
</tr>
<tr>
<td>SSPE2</td>
<td>235</td>
<td>6</td>
<td>9</td>
<td>119</td>
<td>259,750</td>
</tr>
</tbody>
</table>

5. Major Source Determination

Rule 2201 Major Source Determination:

Pursuant to District Rule 2201, a Major Source is a stationary source with a SSPE2 equal to or exceeding one or more of the following threshold values. For the purposes of determining major source status the following shall not be included:

- any ERCs associated with the stationary source
- Emissions from non-road IC engines (i.e. IC engines at a particular site at the facility for less than 12 months)
- Fugitive emissions, except for the specific source categories specified in 40 CFR 51.165

This source is an existing Major Source for VOC emissions and will remain a Major Source for VOC. No change in other pollutants are proposed or expected as a result of this project.

Rule 2410 Major Source Determination:

The facility or the equipment evaluated under this project is not listed as one of the categories specified in 40 CFR 52.21 (b)(1)(i). Therefore the following PSD Major Source thresholds are applicable.

<table>
<thead>
<tr>
<th>PSD Major Source Determination (tons/year)</th>
<th>NC2</th>
<th>VOC</th>
<th>SO₂</th>
<th>CO</th>
<th>PM</th>
<th>PM₁₀</th>
<th>CO₂e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Facility PE before Project Increase</td>
<td>0.1</td>
<td>129.9</td>
<td>0.0</td>
<td>0.1</td>
<td>0.0</td>
<td>0.0</td>
<td>54,058¹</td>
</tr>
<tr>
<td>PSD Major Source Thresholds</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>100,000</td>
</tr>
<tr>
<td>PSD Major Source ? (Y/N)</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

As shown above, the facility is not an existing major source for PSD for at least one pollutant. Therefore the facility is not an existing major source for PSD.

¹ See Appendix C for CO₂e Calculations
6. Baseline Emissions (BE)

The BE calculation (in lbs/year) is performed pollutant-by-pollutant for each unit within the project, to calculate the QNEC and if applicable, to determine the amount of offsets required.

Pursuant to Section 3.7 of District Rule 2201, BE = Pre-project Potential to Emit for:
- Any unit located at a non-Major Source,
- Any Highly-Utilized Emissions Unit, located at a Major Source,
- Any Fully-Offset Emissions Unit, located at a Major Source, or
- Any Clean Emissions Unit, located at a Major Source.

otherwise,

BE = Historic Actual Emissions (HAE), calculated pursuant to Section 3.22 of District Rule 2201.

BE-VOC

Unit Located at a Non-Major Source
As shown in Section VII.C.5 above, the facility is a major source for VOC emissions.

Highly-Utilized Emissions Unit, located at a Major Source
Due to the nature of winery operations, excess tank capacity is installed at wineries such that the actual usage is usually significantly less than the potential operation. Therefore, the tanks in this project are assumed to not be Highly-Utilized Emissions units.

Fully Offset Emissions Unit, located at a Major Source
Offsets have not previously been provided for the existing permit units. Therefore, pursuant to District Rule 2201, these permitted units are not considered as a Fully Offset Emissions Units.

Clean Emissions Unit, Located at a Major Source
Pursuant to Rule 2201, a Clean Emissions Unit is defined as an emissions unit that is "equipped with an emissions control technology with a minimum control efficiency of at least 95% or is equipped with emission control technology that meets the requirements for achieved-in-practice BACT as accepted by the APCO during the five years immediately prior to the submission of the complete application.

All of the fermentation tanks at this facility meet the District's current achieved-in-practice in BACT Guideline 5.4.14 for fermentation tanks by being temperature-controlled open top tanks with maximum average fermentation temperature of 95 deg F. Therefore all fermentation tank emission units are Clean Emissions Units pursuant to District Rule 2201.

All of the storage tanks at this facility meet the District's current achieved-in-practice in BACT Guideline 5.4.13 for storage tanks by being insulated or equivalent,
equipped with a pressure vacuum relief valve (PVRV) set within 10% of the maximum allowable working pressure of the tank or equivalent "gas-tight" tank operation, and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation. Therefore all storage tank emission units are Clean Emissions Units pursuant to District Rule 2201.

\[ \Sigma \text{BE} = \Sigma \text{PE}_1 = 259,738 \text{ lb-VOC/year} \]

7. SB 288 Major Modification

SB 288 Major Modification is defined in 40 CFR Part 51.165 as "any physical change in or change in the method of operation of a major stationary source that would result in a significant net emissions increase of any pollutant subject to regulation under the Act."

As discussed in Section VII.C.5 above, the facility is an existing Major Source for VOC; however, the project by itself would need to be a significant increase in order to trigger a SB 288 Major Modification. Since the modified tanks add capacity to the winery but do not operate independently, \( PE_{SB \, 288} \) for the modified tanks may be taken to be \( (PE2 - PE1)_{all \, tanks} \) which is the change in Potential to Emit from all tanks at the winery (in the absence of an SLC emission limit) resulting from the presence of the additional storage emissions from the modified tanks in the post project facility configuration.

A. Calculation of the Annual Potential to Emit

1. Assumptions

- Annual Potential to Emit for VOC emissions at the facility will be calculated generally using the method specified in the District’s FYI-296, *Calculation of the Potential to Emit for VOC Emissions from Wine Fermentation and Storage Operations*. However, the calculation method of FYI-296 allows consideration of the facility’s pressing or crushing capacity as a potential operating limitation. While this consideration is applicable to establishing a Specific Limiting Condition for the annual Potential to Emit for all tanks at a facility, it is not applicable to calculating PE2 for added tanks for purposes of determination of a Major Modification since the pressing and/or the crushing capacity are not limited by permits and thus may be increased at any time without consideration of NSR impact. Therefore, the facility’s pressing or crushing potential will be conservatively ignored and only the pre and post project tank capacities from all tanks will be considered in the calculations.
- Maximum ethanol content of stored wine is 23.9%.
- The total pre-project tank volume that can potentially be used for wine fermentation is 24,816,832 gallons (taken from Project N-1130191).
- The total pre-project tank volume that can potentially be used for storage or fermentation is 32,868,632 gallons (taken from Project N-1130191).
2. Emission Factors

The required emission factors for fermentation and storage operations as discussed in Section VII.B are as follows:

White Wine Fermentation
Annual: 2.5 lb-VOC/1000 gallons fermented per year

Red Wine Fermentation:
Annual: 6.2 lb-VOC/1000 gallons fermented per year

Wine Storage Working Losses from insulated tanks @ 23.9% Ethanol:
Annual: $E_S = 0.212 \text{ lb-VOC/1000 gallons annual throughput}$

3. Calculation of the Annual Potential to Emit (PE1All Tanks) for Existing Tank Configuration

The potential emissions from pre-project fermentation and storage capacities are determined in the following sequence of calculations:

a. Potential fermentation emissions from white wine production are first determined:

White wine production capacity is determined based only on the production capacity of the wine fermentation tanks:

$$W_W = \text{White wine production capacity (gallons per year as measured immediately after pressing)}$$

is the lesser of the following three calculations:

$$W_1 = \text{Production capacity based on crusher capacity – Not applicable, see assumptions}$$

$$W_2 = \text{Production capacity based on pressing capacity) – Not applicable, see assumptions}$$

$$W_3 = \frac{(V_{FW} \times D_w \times F_W)}{W_{FW}} \text{ (limited by white fermenter volume)}$$

$$W_4 = \frac{(V_T \times D_w)}{R_{TW}} \text{ (limited by overall tank storage)}$$

where,

The following was taken from previous project N-1130191:

$D_w = \text{days in a white wine crush season = 120 days}$

$F_W = \text{Fill factor for white wine fermentation = 95\%}$

$W_{FW} = \text{White fermentation period = 10 days}$

$R_{TW} = \text{Total winery retention time for white wine, 40 + 10 = 50 days}$

$V_{FW} = \text{Total volume of white wine fermenters = 24,816,832 gallons}$

$V_T = \text{Total Winery Cooperage = 32,868,632 gallons}$

Potential white wine fermentation emissions are then determined by applying the white fermentation emission factor stated in FYI-114:
\[ PE_{\text{white fermentation}} = E_w \times W_W \]

\( E_w = \) white wine emission factor = 2.5 lb-VOC/1000 gal

Performing the above calculations yields:

\( W_1 = \) Not applicable
\( W_2 = \) Not applicable
\( W_3 = 282,911,885 \) gallons/year
\( W_4 = 78,884,717 \) gallons/year

Selecting \( W_W = W_4 = 78,884,717 \) gallons/year and applying the emission factor for white wine fermentation yields:

\[ PE_{\text{white fermentation}} = 197,212 \text{ lb-VOC/year} \]

b. Potential storage emissions from white wine production are then calculated:

Storage emissions are then calculated for white wine operation per District FYI-114:

\[ PE_{\text{white storage}} = E_S \times T \times W_W \]

Where:

\( E_S = \) wine storage annual emission factor based on District FYI-114 = 0.212 lb-VOC/1000 gallons of wine transferred for 23.9% alcohol wine at a facility located in the Northern Region.

\( T = \) Total post fermentation inter-tank transfers per batch of wine = 8

\( W_W = \) maximum quantity of white wine the facility can produce = 78,884,717 gallons/year

\[ PE_{\text{white storage}} = (0.212/1000) \times 8 \times 78,884,717 = 133,788 \text{ lb-VOC/year} \]

c. Total potential emissions from white wine production are then calculated:

The PE for white wine production is then taken as the sum of the fermentation and storage potentials for white wine:

\[ PE_{\text{white}} = (197,212 + 133,788) \text{ lb-VOC/year} = 331,000 \text{ lb-VOC/year} \]

d. Potential fermentation emissions from red wine production are then calculated:

Red wine production capacity is determined based only on the production capacity of the wine fermentation tanks.
\( W_R \) = Red wine production capacity (gallons per year as measured immediately after pressing) and is the lesser of the following four calculations:

\[ W1 = \text{Production capacity based on crusher capacity} - \text{Not applicable, see assumptions} \]
\[ W2 = \text{Production capacity based on pressing capacity) - Not applicable, see assumptions} \]
\[ W3 = \frac{V_{FR} \times F \times D_T}{R_{FR}} \text{ (limited by red fermenter volume)} \]
\[ W4 = \frac{V_T \times D_T}{R_{TS}} \text{ (limited by overall tank processing)} \]

\( D_T = \text{days in a red wine crush season} = 120 \text{ days} \)
\( F = \text{Fill factor for red wine fermentation} = 80\% \)
\( R_{FR} = \text{Red fermentation period} = 5 \text{ days} \)
\( R_{TS} = \text{Total winery retention time for red wine,} 40 + 5 = 45 \text{ days} \)
\( V_{FR} = \text{total volume of red wine fermenters} = 24,816,832 \text{ gallons} \)
\( V_T = \text{Total Winery Cooperage} = 32,868,632 \text{ gallons} \)

Potential red wine fermentation emissions are then determined by applying the red fermentation emission factor stated in FYI-114.

\[ PE_{\text{redfermentation}} = E_{FR} \times W_R \]

\( E_{FR} = \text{red wine emission factor} = 6.2 \text{ lb-VOC/1000 gal (District Rule 4694)} \)

Performing the above calculations yields

\[ W1 = \text{Not applicable} \]
\[ W2 = \text{Not applicable} \]
\[ W3 = 476,483,174 \text{ gallons/year} \]
\[ W4 = 87,649,685 \text{ gallons/year} \]

Selecting \( W_R = W4 = 87,649,685 \text{ MG/year} \) and applying the emission factor for red wine fermentation yields:

\[ PE_{\text{redfermentation}} = 543,428 \text{ lb-VOC/year} \]

d. Potential storage emissions from red wine production are then calculated:

Storage emissions are then calculated for red wine operation per District FYI-114:

\[ PE_{\text{redstorage}} = E_{S} \times T \times W_R \]

Where:
\( E_S = \) wine storage annual emission factor based on District FYI-114 = 0.212 lb-VOC/1000 gallons of wine transferred for 23.9% alcohol wine at a facility located in the Northern Region.

\( T = \) Total post fermentation inter-tank transfers per batch of wine = 8

\( W_R = \) maximum quantity of red wine the facility can produce = 87,649,685 gallons/year

\( \text{PE}_{\text{red storage}} = (0.212/1000) \times 8 \times 87,649,685 = 148,654 \text{ lb-VOC/year} \)

f. Total potential emissions from red wine production are then calculated:

The PE for red wine production is then taken as the sum of the fermentation and storage potentials for red wine:

\( \text{PE}_{\text{red}} = (543,428 + 148,654) \text{ lb-VOC/year} = 692,082 \text{ lb-VOC/year} \)

g. The facility's emission potential is then taken to be the greater of either the white or red emissions potentials determined above.

\( \text{PE}_{1 \text{All Tanks}} = \text{greater of } \text{PE}_{\text{white}} \text{ and } \text{PE}_{\text{red}} \)

\( \text{PE}_{1 \text{All Tanks}} = \text{PE}_{\text{red}} \)

\( \text{PE}_{1 \text{All Tanks}} = 692,082 \text{ lb-VOC/year} \)

4. Calculation of the Annual Potential to Emit (PE2All Tanks) for Proposed Tank Configuration

The potential emissions from pre-project fermentation and storage capacities are determined in the following sequence of calculations:

a. Potential fermentation emissions from white wine production are first determined:

White wine production capacity is determined based only on the production capacity of the wine fermentation tanks:

\( W_W = \) White wine production capacity (gallons per year as measured immediately after pressing) is the lesser of the following three calculations:

\( W_1 = \) Production capacity based on crusher capacity – Not applicable, see assumptions

\( W_2 = \) Production capacity based on pressing capacity) – Not applicable, see assumptions

\( W_3 = \) \((V_{FW} \times D_w \times F_W) / W_{FW}\) (limited by white fermenter volume)

\( W_4 = \) \((V_T \times D_w) / R_{TW}\) (limited by overall tank processing)
where,

\( D_w = \) days in a white wine crush season = 120 days

\( F_{FW} = \) Fill factor for white wine fermentation = 95%

\( W_{FW} = \) White fermentation period = 10 days

\( R_{TW} = \) Total winery retention time for white wine, 40 + 10 = 50 days

\( V_{FW} = \) Total volume of white wine fermenters = 20,265,032 gallons (pre-project gallons + modification = 24,816,832 – 4,551,800)

\( V_T = \) Total Winery Cooperage = 37,420,432 gallons (pre-project gallons + modification = 32,868,632 + 4,551,800)

Potential white wine fermentation emissions are then determined by applying the white fermentation emission factor stated in FYI-114:

\[
PE_{\text{whitefermentation}} = E_{fw} \times W_{WW}
\]

\( E_{fw} = \) white wine emission factor = 2.5 lb-VOC/1000 gal

Performing the above calculations yields

\( W_1 = \) Not applicable

\( W_2 = \) Not applicable

\( W_3 = 231,021,365 \) gal/yr

\( W_4 = 89,809,037 \) gal/yr

Selecting \( W_{WW} = W_4 = 89,809,037 \) gal/yr and applying the emission factor for white wine fermentation yields:

\[
PE_{\text{whitefermentation}} = 224,523 \text{ lb-VOC/yr}
\]

b. Potential storage emissions from white wine production are then calculated:

Storage emissions are then calculated for white wine operation per District FYI-114:

\[
PE_{\text{whitestorage}} = E_S \times T \times W_{WW}
\]

Where.

\( E_S = \) wine storage annual emission factor based on District FYI-114 = 0.212 lb-VOC/1000 gallons of wine transferred for 23.9% alcohol wine at a facility located in the Northern Region.

\( T = \) Total post fermentation inter-tank transfers per batch of wine = 8

\( W_{WW} = \) maximum quantity of white wine the facility can produce = 89,809,037 gallons/yr
\[ PE_{\text{whitestorage}} = (0.212/1000) \times 8 \times 89,809,037 = 152,316 \text{ lb-VOC/year} \]

c. Total potential emissions from white wine production are then calculated:

The PE for white wine production is then taken as the sum of the fermentation and storage potentials for white wine:

\[ PE_{\text{white}} = (224,523 + 152,316) \text{ lb-VOC/year} = 376,839 \text{ lb-VOC/year} \]

d. Potential fermentation emissions from red wine production are then calculated:

Red wine production capacity is determined based only on the production capacity of the wine fermentation tanks.

\[ W_R = \text{Red wine production capacity (gallons per year as measured immediately after pressing) and is the lesser of the following four calculations:} \]

\[
\begin{align*}
W1 &= \text{Production capacity based on crusher capacity} - \text{Not applicable, see assumptions} \\
W2 &= \text{Production capacity based on pressing capacity} - \text{Not applicable, see assumptions} \\
W3 &= \frac{V_{FR} \times F \times D_t}{R_{FR}} \text{ (limited by red fermenter volume)} \\
W4 &= \frac{V_{T} \times D_t}{R_{TS}} \text{ (limited by overall tank processing)}
\end{align*}
\]

\[ D_t = \text{days in a red wine crush season} = 120 \text{ days} \]
\[ F = \text{Fill factor for red wine fermentation} = 80\% \]
\[ R_{FR} = \text{Red fermentation period} = 5 \text{ days} \]
\[ R_{TS} = \text{Total winery retention time for red wine, } 40 + 5 = 45 \text{ days} \]
\[ V_{FR} = \text{total volume of red wine fermenters} = 20,265,032 \text{ gallons} \]
\[ V_{T} = \text{Total Winery Cooperage} = 37,420,432 \text{ gallons} \]

Potential red wine fermentation emissions are then determined by applying the red fermentation emission factor stated in FYI-114.

\[ PE_{\text{redfermentation}} = E_r \times W_R \]

\[ E_r = \text{red wine emission factor} = 6.2 \text{ lb-VOC/1000 gal (District Rule 4694)} \]

Performing the above calculations yields

\[ W1 = \text{Not applicable} \]
\[ W2 = \text{Not applicable} \]
\[ W3 = 389,088,614 \text{ gallons/year} \]
\[ W4 = 99,787,819 \text{ gallons/year} \]

Selecting \( W_R = W4 = 99,787,819 \text{ MG/year} \) and applying the emission factor for red wine fermentation yields:
\[ \text{PE}_{\text{redfermentation}} = 618,684 \text{ lb-VOC/year} \]

e. Potential storage emissions from red wine production are then calculated:

Storage emissions are then calculated for red wine operation per District FYI-114:

\[ \text{PE}_{\text{redstorage}} = E_S \times T \times W_R \]

Where:

\( E_S = \) wine storage annual emission factor based on District FYI-114 = 0.212 lb-VOC/1000 gallons of wine transferred for 23.9% alcohol wine at a facility located in the Northern Region.

\( T = \) Total post fermentation inter-tank transfers per batch of wine = 8

\( W_R = \) maximum quantity of red wine the facility can produce = 99,787,819 gallons/year

\[ \text{PE}_{\text{redstorage}} = (0.212/1000) \times 8 \times 99,787,819 = 169,240 \text{ lb-VOC/year} \]

f. Total potential emissions from red wine production are then calculated:

The PE for red wine production is then taken as the sum of the fermentation and storage potentials for red wine:

\[ \text{PE}_{\text{red}} = (618,684 + 169,240) \text{ lb-VOC/year} = 787,924 \text{ lb-VOC/year} \]

g. The facility's emission potential is then taken to be the greater of either the white or red emissions potentials determined above.

\[ \text{PE}_{2\text{All Tanks}} = \text{greater of } \text{PE}_{\text{white}} \text{ and } \text{PE}_{\text{red}} \]

\[ \text{PE}_{2\text{All Tanks}} = \text{PE}_{\text{red}} \]

\[ \text{PE}_{2\text{All Tanks}} = 787,924 \text{ lb-VOC/year} \]

5. PESB 288 for Proposed Tank Configuration

\[ \text{PE}_{\text{SB 288}} \] is calculated as the difference between the post project and pre project potential emissions based on physical capacity:

| Potential Emissions Based on Physical Capacity of Wine Processing Equipment |
|-----------------------------|----------------|--------|
|                             | Fermentation | Storage| Total  |
| Pre Project (PE1_{All Tanks}) | 543,428       | 148,654| 692,082|
| Post Project (PE2_{All Tanks})  | 618,684       | 169,240| 787,924|
| PE2_{SB 288}                       | 75,256        | 20,586 | 95,842 |
The emissions units within this project have a total potential to emit for VOC which is greater than SB 288 Major Modification thresholds (see table below). Therefore, SB 288 Major Modification calculation is required.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Project PE (lb/year)</th>
<th>Threshold (lb/year)</th>
<th>Major Modification?</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>95,842</td>
<td>50,000</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**B. SB 288 Major Modification Calculation**

Since the project’s PE2 surpasses the SB 288 Major Modification Thresholds for VOC, the Net Emissions Increase (NEI) will be compared to the SB 288 Major Modification thresholds in order to determine if this project constitutes an SB 288 Major Modification.

The NEI is the total of emission increases for every permit unit addressed in this project and is calculated as follows:

\[
\text{NEI} = \text{PE2} - \text{BAE}
\]

Where:  
PE2 = the sum of all the PE2s for each permit unit in this project  
BAE = for units that are fully offset, the BAE = the PE1 for every unit, otherwise, the BAE is the actual annual emissions averaged over the baseline period for every unit. The baseline period for this project is the two-year period just prior to the year in which the application for this project was deemed complete (2013). Therefore, the baseline period is 2011-2012.

Baseline Actual Emissions are calculated as follows:

The applicant provided the following information to perform the BAE calculations (see Appendix E):

<table>
<thead>
<tr>
<th>Baseline Period Wine Stored</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period</td>
</tr>
<tr>
<td>Throughput of Wine (gallons)</td>
</tr>
<tr>
<td>24 months</td>
</tr>
<tr>
<td>25,047,274</td>
</tr>
</tbody>
</table>

The applicant also stated that the average wine ethanol content of wine transferred was 13.5%; therefore, from District FYI-114, a storage emission factor of 0.124 lb-VOC/1,000 gallons will be used.

<table>
<thead>
<tr>
<th>Baseline Actual Emissions for Storage (BAE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period</td>
</tr>
<tr>
<td>Throughput of Wine (gallons)</td>
</tr>
<tr>
<td>VOCs Emitted (lb-VOC/year)</td>
</tr>
<tr>
<td>24 months</td>
</tr>
<tr>
<td>25,047,274</td>
</tr>
<tr>
<td>3,106</td>
</tr>
<tr>
<td>12 month average</td>
</tr>
<tr>
<td>1,553</td>
</tr>
</tbody>
</table>
BAE = 1,553 lb-VOC/year

No other creditable emission decreases have occurred at this facility within the last 5 years. Therefore, the Net Emission Increase (NEI) is:

Therefore,

<table>
<thead>
<tr>
<th>SB 288 Major Modification Calculation and Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pollutant</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>VOC</td>
</tr>
</tbody>
</table>

As demonstrated in the preceding table, this project constitutes an SB 288 Major Modification for VOC.

8. Federal Major Modification

District Rule 2201, Section 3.17 states that SB 288 major modifications are also federal major modifications unless they qualify for a “Less-Than-Significant Emissions Increase” exclusion.

A Less-Than-Significant Emissions Increase exclusion is for an emissions increase for the project, or a Net Emissions Increase for the project (as defined in 40 CFR 51.165 (a)(2)(ii)(B) through (D), and (F)), that is not significant for a given regulated NSR pollutant, and therefore is not a federal major modification for that pollutant.

- To determine the post-project projected actual emissions from existing units, the provisions of 40 CFR 51.165 (a)(1)(xxviii) shall be used.
- To determine the pre-project baseline actual emissions, the provisions of 40 CFR 51.165 (a)(1)(xxxv)(A) through (D) shall be used.
- If the project is determined not to be a federal major modification pursuant to the provisions of 40 CFR 51.165 (a)(2)(ii)(B), but there is a reasonable possibility that the project may result in a significant emissions increase, the owner or operator shall comply with all of the provisions of 40 CFR 51.165 (a)(6) and (a)(7).
- Emissions increases calculated pursuant to this section are significant if they exceed the significance thresholds specified in the table below.

<table>
<thead>
<tr>
<th>Significance Threshold (lb/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pollutant</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>VOC</td>
</tr>
<tr>
<td>NOₓ</td>
</tr>
<tr>
<td>PM₁₀</td>
</tr>
<tr>
<td>SOₓ</td>
</tr>
</tbody>
</table>
The Net Emissions Increases (NEI) for purposes of determination of a “Less-Than-Significant Emissions Increase” exclusion will be calculated below to determine if this project qualifies for such an exclusion.

Net Emission Increase for Existing Units (NEI_E)

Per 40 CFR 51.165 (a)(1)(xxviii) and 40 CFR 51.165 (a)(2)(ii)(C) for all existing units,

\[ \text{NEI}_E = \text{PAE} - \text{BAE} - \text{unused baseline capacity} \]

where,

\[ \text{BAE} = \text{Baseline Actual Emissions} \text{ which are the actual emissions created by the project during the baseline period. The baseline period for this project is the 24 month period just prior to the application being deemed complete.} \]

\[ \text{PAE} = \text{Projected Actual Emissions} \text{ which are the post-project projected actual emissions of the existing units in this project pursuant to 40 CFR 51.165 (a)(1)(xxviii).} \]

Projected Actual Emissions (PAE) are calculated as follows:

The applicant projects wine storage throughput to increase by 20% over the next 10 years; therefore, the project actual emissions are calculated as follows:

\[ \text{PAE} = \text{Baseline Actual Emissions} \times 120\% \text{ increase} \]

\[ = 1,553 \text{ lb-VOC/year} \times 1.2 \]

\[ = 1,864 \text{ lb-VOC/year} \]

Pursuant to 40 CFR 51.165 (a)(1)(B)xxvii(3), the unused baseline capacity is that portion of the units' emissions following the project that the existing units could have accommodated during the consecutive 24-month period used to establish the baseline actual emissions under paragraph (a)(1)(xxxv) of this section and that are also unrelated to the particular project, including any increased utilization due to product demand growth. Since there is a change in use of the tanks, the unused baseline capacity = 0. Therefore, the NEI for this project is thus calculated as follows:

\[ \text{NEI} = \text{NEI}_E \]

\[ \text{NEI}_E = \text{PAE} - \text{BAE} - 0 \]

Where \( \text{PAE} = 1,864 \text{ lb-VOC/year} \) as calculated above and \( \text{BAE} = 1,553 \text{ lb-VOC/year} \) as calculated in Section VII.C.7.B above. Therefore,

\[ \text{NEI} = \text{NEI}_E = (1,864 - 1,553 - 0) \text{ lb-VOC/year} \]

\[ \text{NEI} = \text{NEI}_E = 311 \text{ lb-VOC/year} \]

The NEI for this project will be greater than the federal Major Modification threshold of 0 lb-VOC/year. Therefore, this project does not qualify for a “Less-Than-Significant
Emissions Increase" exclusion and is thus determined to be a Federal Major Modification for VOC.

9. Rule 2410 – Prevention of Significant Deterioration (PSD) Applicability Determination

Rule 2410 applies to pollutants for which the District is in attainment or for unclassified, pollutants. The pollutants addressed in the PSD applicability determination are listed as follows:

- NO2 (as a primary pollutant)
- SO2 (as a primary pollutant)
- CO
- PM
- PM10
- Greenhouse gases (GHG): CO2, N2O, CH4, HFCs, PFCs, and SF6

The first step of this PSD evaluation consists of determining whether the facility is an existing PSD Major Source or not (See Section VII.C.5 of this document).

In the case the facility is an existing PSD Major Source, the second step of the PSD evaluation is to determine if the project results in a PSD significant increase.

In the case the facility is NOT an existing PSD Major Source but is an existing source, the second step of the PSD evaluation is to determine if the project, by itself, would be a PSD major source.

In the case the facility is new source, the second step of the PSD evaluation is to determine if this new facility will become a new PSD major Source as a result of the project and if so, to determine which pollutant will result in a PSD significant increase.

I. Potential to Emit for New or Modified Emission Units vs PSD Major Source Thresholds

As a screening tool, the project potential to emit from all new and modified units is compared to the PSD major source threshold, and if total project potential to emit from all new and modified units is below this threshold, no further analysis will be needed.

The facility or the equipment evaluated under this project is not listed as one of the categories specified in 40 CFR 52.21 (b)(1)(i). Therefore the following PSD Major Source thresholds are applicable.
### PSD Major Source Determination: Potential to Emit (tons/year)

<table>
<thead>
<tr>
<th></th>
<th>NO2</th>
<th>VOC</th>
<th>SO2</th>
<th>CO</th>
<th>PM</th>
<th>PM10</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total PE from New</td>
<td>0.0</td>
<td>129.9</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0^2</td>
</tr>
<tr>
<td>and Modified Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSD Major Source</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>100,000</td>
</tr>
<tr>
<td>threshold</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New PSD Major Source</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

As shown in the table above, the project potential to emit, by itself, does not exceed any of the PSD major source thresholds. Therefore Rule 2410 is not applicable and no further discussion is required.

### VIII. Compliance

#### Rule 1070 Record keeping

This rule applies to any source operation, which emits or may emit air contaminants. The rule allows the District to perform inspections for the purpose of obtaining information necessary to determine whether air pollution sources are in compliance with applicable rules and regulations. The rule also allows the District to require record keeping, to make inspections and to conduct tests of air pollution sources.

Record keeping conditions for records required to verify compliance with NSR requirements will be placed on the ATCs under the authority of this rule.

#### Rule 2201 New and Modified Stationary Source Review Rule

**A. Best Available Control Technology (BACT)**

1. **BACT Applicability**

   BACT requirements are triggered on a pollutant-by-pollutant basis and on an emissions unit-by-emissions unit basis for the following*:

   a. Any new emissions unit with a potential to emit exceeding two pounds per day,
   b. The relocation from one Stationary Source to another of an existing emissions unit with a potential to emit exceeding two pounds per day,
   c. Modifications to an existing emissions unit with a valid Permit to Operate resulting in an AIPE exceeding two pounds per day, and/or
   d. Any new or modified emissions unit, in a stationary source project, which results in an SB 288 Major Modification or a Federal Major Modification, as defined by the rule.

   *Except for CO emissions from a new or modified emissions unit at a Stationary Source with an SSPE2 of less than 200,000 pounds per year of CO.

   ^2 Since storage tanks emit no greenhouse gases and all tanks in the project are storage tanks, CO2e = 0.
a. New emissions units – PE > 2 lb/day

As discussed in Section I, new tanks are not being constructed; however, the existing tanks are changing their class of emissions units. Under the new class of wine storage, the tanks are considered new emissions units. As calculated under Section VII.C.2 (see Appendix B), the all the tanks being modified in this project have emissions greater than 2.0 lb/day for VOC emissions; therefore, BACT is triggered for VOC.

b. Relocation of emissions units – PE > 2 lb/day

As discussed in Section I above, there are no emissions units being relocated from one stationary source to another; therefore BACT is not triggered.

c. Modification of emissions units – AIPE > 2 lb/day

As discussed in Section I above, existing tanks are being modified to be storage tanks only. Although, the proposal is a modification, for BACT purposes, the units being modified into a new class of emissions units and are classified as new units (see section a. New emissions units – PE > 2 lb/day above).

d. Major Modification

As discussed in Sections VII.C.7 and VII.C.8 above, this project constitutes an SB 288/Federal Major Modification for VOC; therefore BACT is triggered for VOC for all emissions units affected by this stationary source project.

2. BACT Guideline

BACT Guideline 5.4.13, Wine Storage Tanks, applies to all wine storage tanks in this project. (See Appendix D)

3. Top-Down BACT Analysis

Per Permit Services Policies and Procedures for BACT, a Top-Down BACT analysis shall be performed as a part of the application review for each application subject to the BACT requirements pursuant to the District’s NSR Rule.

Wine Storage Tanks

Pursuant to the attached Top-Down BACT Analysis (see Appendix D), BACT has been satisfied with the following:

VOC: Insulation or Equivalent, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; "gas-tight" tank operation; and continuous storage temperature not exceeding 75 °F, achieved within 60 days of completion of fermentation.

The following conditions will be placed on the ATCs to ensure compliance with the requirements of BACT:
• The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1]

• The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2]

B. Offsets

1. Offset Applicability

Pursuant to Section 4.5.3, offset requirements shall be triggered on a pollutant by pollutant basis and shall be required if the Post Project Stationary Source Potential to Emit (SSPE2) equals to or exceeds the offset threshold levels in Table 4-1 of Rule 2201.

Facility emissions are already above the Offset and Major Source Thresholds for VOC emissions; therefore, offsets are triggered.

2. Quantity of Offsets Required

As discussed above, the facility is an existing Major Source for VOC and the SSPE2 is greater than the offset thresholds; therefore offset calculations will be required for this project.

Per Sections 4.7.1 and 4.7.3, the quantity of offsets in pounds per year for VOC is calculated as follows for sources with an SSPE1 greater than the offset threshold levels before implementing the project being evaluated.

Offsets Required (lb/year) = \((\Sigma [PE2 - BE] + ICCE) \times DOR\), for all new or modified emissions units in the project,

Where,
PE2 = Post Project Potential to Emit, (lb/year)
BE = Baseline Emissions, (lb/year)
ICCE = Increase in Cargo Carrier Emissions, (lb/year)
DOR = Distance Offset Ratio, determined pursuant to Section 4.8

BE = Pre-project Potential to Emit for:
• Any unit located at a non-Major Source,
• Any Highly-Utilized Emissions Unit, located at a Major Source,
• Any Fully-Offset Emissions Unit, located at a Major Source, or
• Any Clean Emissions Unit, Located at a Major Source.

otherwise,

BE = Historic Actual Emissions (HAE)

As demonstrated in Section VII.C.6, BE = PE1 since all units emissions units at the facility are clean emissions units.

There are no increases in cargo carrier emissions due to this project. Therefore

_Offsets Required (lb/year) = ∑[PE2 − BE] x DOR = [∑PE2 - ∑BE] x DOR
Per section VIII.C.6, ∑ BE = 259,738 lb-VOC/year
Per section VIII.C.2, ∑ PE2 = 259,738 lb-VOC/year
Offsets Required (lb/year) = [259,738 − 259,738] x DOR
= 0 lb-VOC/year x DOR
= 0 lb-VOC/year

C. Public Notification

1. Applicability

Public noticing is required for:

a. New Major Sources, Federal Major Modifications, and SB 288 Major Modifications,

b. Any new emissions unit with a Potential to Emit greater than 100 pounds during any one day for any one pollutant,

c. Any project which results in the offset thresholds being surpassed, and/or

d. Any project with an SSiPE of greater than 20,000 lb/year for any pollutant.

a. New Major Sources, Federal Major Modifications, and SB 288 Major Modifications

New Major Sources are new facilities, which are also Major Sources. Since this is not a new facility, public noticing is not required for this project for New Major Source purposes.

As demonstrated in Sections VII.C.7 and VII.C.8, this project is an SB 288 and Federal Major Modification. Therefore, public noticing for SB 288 and Federal Major Modification purposes is required.

b. PE > 100 lb/day

Applications which include a new emissions unit with a PE greater than 100 pounds during any one day for any pollutant will trigger public noticing requirements. There are no new emissions units associated with this project. Therefore public noticing is not required for this project for PE > 100 lb/day.
c. Offset Threshold

The SSPE1 and SSPE2 are compared to the offset thresholds in the following table.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>SSPE1 (lb/year)</th>
<th>SSPE2 (lb/year)</th>
<th>Offset Threshold</th>
<th>Public Notice Required?</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOx</td>
<td>235</td>
<td>235</td>
<td>20,000 lb/year</td>
<td>No</td>
</tr>
<tr>
<td>SOx</td>
<td>6</td>
<td>6</td>
<td>54,750 lb/year</td>
<td>No</td>
</tr>
<tr>
<td>PM10</td>
<td>9</td>
<td>9</td>
<td>29,200 lb/year</td>
<td>No</td>
</tr>
<tr>
<td>CO</td>
<td>119</td>
<td>119</td>
<td>200,000 lb/year</td>
<td>No</td>
</tr>
<tr>
<td>VOC</td>
<td>259,750</td>
<td>259,750</td>
<td>20,000 lb/year</td>
<td>No</td>
</tr>
</tbody>
</table>

As detailed above, there were no thresholds surpassed with this project; therefore public noticing is not required for offset purposes.

d. SSIPE > 20,000 lb/year

Public notification is required for any permitting action that results in a SSIPE of more than 20,000 lb/year of any affected pollutant. According to District policy, the SSIPE = SSPE2 - SSPE1. The SSIPE is compared to the SSIPE Public Notice thresholds in the following table.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>SSPE2 (lb/year)</th>
<th>SSPE1 (lb/year)</th>
<th>SSIEPE (lb/year)</th>
<th>SSIPE Public Notice Threshold</th>
<th>Public Notice Required?</th>
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<tr>
<td>NOx</td>
<td>235</td>
<td>235</td>
<td>0</td>
<td>20,000 lb/year</td>
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<td>PM10</td>
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<td>CO</td>
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<td>VOC</td>
<td>259,750</td>
<td>259,750</td>
<td>0</td>
<td>20,000 lb/year</td>
<td>No</td>
</tr>
</tbody>
</table>

As demonstrated above, the SSIPEs for all pollutants were less than 20,000 lb/year; therefore public noticing for SSIPE purposes is not required.

2. Public Notice Action

As discussed above, public noticing is required for this project for being a Major Modification. Therefore, public notice documents will be submitted to the California Air Resources Board (CARB) and Environmental Protection Agency (EPA) and a public notice will be published in a local newspaper of general circulation prior to the issuance of the ATC for this equipment.
D. Daily Emission Limits (DELs)

DELs and other enforceable conditions are required by Rule 2201 to restrict a unit's maximum daily emissions, to a level at or below the emissions associated with the maximum design capacity. The DEL must be contained in the latest ATC and contained in or enforced by the latest PTO and enforceable, in a practicable manner, on a daily basis. DELs are also required to enforce the applicability of BACT.

The DEL for the storage units is stated in the form of a daily limit on tank throughput. These units are also subject to a separate annual emission limits (expressed in lb-VOC per year) in the form of a Specific Limiting Condition (SLC).

Proposed Rule 2201 (DEL) Conditions:

- The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201]
- The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons. [District Rule 2201]

E. Compliance Assurance

1. Source Testing

Pursuant to District Policy APR 1705, source testing is not required to demonstrate compliance with Rule 2201.

2. Monitoring

No monitoring is required to demonstrate compliance with Rule 2201.

3. Recordkeeping

Recordkeeping is required to demonstrate compliance with the offsets, public notification and daily emission limit requirements of Rule 2201. Recordkeeping is also required for winery tanks pursuant to District Rule 4694, Wine Fermentation and Storage Tanks. The following conditions will be placed on the permits:

- The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694, 6.4.2]

- Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201]
• Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 1070 and 2201]

• All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] N

4. Reporting

No reporting is required to demonstrate compliance with Rule 2201.

F. Ambient Air Quality Analysis

Section 4.14.1 of this Rule requires that an ambient air quality analysis (AAQA) be conducted for the purpose of determining whether a new or modified Stationary Source will cause or make worse a violation of an air quality standard. However, since this project involves only VOC and no ambient air quality standard exists for VOC, an AAQA is not required for this project.

G. Compliance Certification

The compliance certification is required for any project, which constitutes a New Major Source or a Federal Major Modification.

Section 4.15.2 of this Rule requires the owner of a new Major Source or a source undergoing a Major Modification to demonstrate to the satisfaction of the District that all other Major Sources owned by such person and operating in California are in compliance or are on a schedule for compliance with all applicable emission limitations and standards. As discussed in the preceding sections, this project does constitute a Federal Major Modification, therefore this requirement is applicable.

Included in Appendix F is TRV’s compliance certification.

H. Alternative Siting Analysis

Alternative siting analysis is required for any project, which constitutes a New Major Source or a Federal Major Modification.

No new tanks are being constructed in this project; tanks are only being proposed to change service from fermentation to storage only. Therefore, there is no physical expansion of the facility due to this project.

Since the current project involves no increase in the winery’s total tank volume and no change to any other facets of the operation, the existing site will result in the least possible impact from the project. Alternative sites would involve the relocation and/or construction of various support structures and facilities on a much greater scale, and would therefore result in a much greater impact.
Rule 2410  Prevention of Significant Deterioration

The prevention of significant deterioration (PSD) program is a construction permitting program for new major stationary sources and major modifications to existing major stationary sources located in areas classified as attainment or in areas that are unclassifiable for any criteria air pollutant. The provisions of this rule applies to any source and the owner or operator of any source subject to any requirement under Title 40 Code of Federal Regulations (40 CFR) Part 52.21 as incorporated into this rule.

As discussed in Section VII.C.9 above, the project’s potential to emit does not exceed any of the PSD major source thresholds. Therefore Rule 2410 is not applicable.

Rule 2520  Federally Mandated Operating Permits

This facility is subject to this Rule, and has received their Title V Operating Permit. Section 3.29 defines a significant permit modification as a “permit amendment that does not qualify as a minor permit modification or administrative amendment."

Section 3.20.5 states that a minor permit modification is a permit modification that does not meet the definition of modification as given in Section 111 or Section 112 of the Federal Clean Air Act. Since this project is a Title I modification (i.e. Federal Major Modification), the proposed project is considered to be a modification under the Federal Clean Air Act. As a result, the proposed project constitutes a Significant Modification to the Title V Permit pursuant to Section 3.29.

As discussed above, the facility has applied for a Certificate of Conformity (COC) (see Appendix G); therefore, the facility must apply to modify their Title V permit with an administrative amendment, prior to operating with the proposed modifications. Continued compliance with this rule is expected. The facility shall not implement the changes requested until the final permit is issued.

Rule 4001  New Source Performance Standards (NSPS)

This rule incorporates NSPS from Part 60, Chapter 1, Title 40, Code of Federal Regulations (CFR); and applies to all new sources of air pollution and modifications of existing sources of air pollution listed in 40 CFR Part 60. However, no subparts of 40 CFR Part 60 apply to wine fermentation and storage tank operations.

Rule 4002  National Emission Standards for Hazardous Air Pollutants (NESHAPs)

This rule incorporates NESHAPs from Part 61, Chapter I, Subchapter C, Title 40, CFR and the NESHAPs from Part 63, Chapter I, Subchapter C, Title 40, CFR; and applies to all sources of hazardous air pollution listed in 40 CFR Part 61 or 40 CFR Part 63. However, no subparts of 40 CFR Part 61 or 40 CFR Part 63 apply to wine fermentation and storage tank operations.
Rule 4102  Nuisance

Rule 4102 states that no air contaminant shall be released into the atmosphere which causes a public nuisance. Public nuisance conditions are not expected as a result of the proposed operations provided the equipment is well maintained. Therefore, the following condition will be listed on each permit to ensure compliance:

- {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

California Health & Safety Code 41700  (Health Risk Assessment)

District Policy APR 1905 – Risk Management Policy for Permitting New and Modified Sources specifies that for an increase in hazardous air pollutants (HAP) associated with a proposed new source or modification, the District perform an analysis to determine the possible impact to the nearest resident or worksite.

Ethanol is not a HAP as defined by Section 44321 of the California Health and Safety Code. Therefore, there are no increases in HAP emissions associated with any emission units in this project, therefore a health risk assessment is not necessary and no further risk analysis is required.

District Rule 4694  Wine Fermentation and Storage Tanks

The purpose of this rule is to reduce emissions of volatile organic compounds (VOC) from the fermentation and bulk storage of wine, or achieve equivalent reductions from alternative emission sources. This rule is applicable to all facilities with fermentation emissions in excess of 10 tons-VOC/year. The storage tank provisions of this rule apply to all tanks with capacity in excess of 5,000 gallons.

Section 5.2 places specific restrictions on wine storage tanks with 5,000 gallons or more in capacity when such tanks are not constructed of wood or concrete. Section 5.2.1 requires these tanks to be equipped and operated with a pressure-vacuum relief valve meeting all of the following requirements:

- The pressure-vacuum relief valve shall operate within 10% of the maximum allowable working pressure of the tank,
- The pressure-vacuum relief valve shall operate in accordance with the manufacturer’s instructions, and
- The pressure-vacuum relief valve shall be permanently labeled with the operating pressure settings.
- The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21.

The following conditions will be placed on the permits for stainless steel tanks ≥ 5,000 gallons in capacity to ensure compliance with the requirements of Section 5.2.1:
• The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1]

Since the gas tight tanks have been determined to be equivalent to a tank with a pressure-vacuum relief valve, the above condition satisfies the requirements of Section 5.2.1.

Section 5.2.2 requires that the temperature of the stored wine be maintained at or below 75°F.

The following condition will be placed on the permits for stainless steel tanks ≥ 5,000 gallons in capacity to ensure compliance with the requirements of Section 5.2.2:

• The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2]

Every three years, Section 6.1 and 6.2 require the facility to submit a Three-Year Compliance Plan and a Three-Year Compliance Plan Verification respectively. Section 6.3 requires that an Annual Compliance Plan Demonstration be submitted to the District no later than February 1 of each year to show compliance with the applicable requirements of the Rule. Section 6.4.3 requires that all monitoring be performed for any Certified Emission Reductions as identified in the facility’s Three-Year Compliance Plan and that the records of all monitoring be maintained.

The following conditions on the facility-wide permit (unit 0-1) ensure compliance:

• A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2006, and every three years thereafter on or before December 1. [District Rule 4694, 6.1]

• A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2007, and every three years thereafter on or before July 1. [District Rule 4694, 6.2]

• An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of this rule shall be submitted to the District by no later than February 1, 2008, and every year thereafter on or before February 1. [District Rule 4694, 6.3]

• Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]
Section 6.4.2 requires that weekly records be kept of wine volume and temperature in each storage tank. The following conditions will be placed on the permit for each storage tank to ensure compliance with the requirements of Section 6.4.2:

- The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694, 6.4.2]

- Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

Section 6.4 requires that records required by this rule be maintained, retained on-site for a minimum of five years, and made available to the APCO upon request. The following conditions will be placed on all permits to ensure compliance:

- All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694]

**California Health & Safety Code 42301.6 (School Notice)**

The District has verified that this site is not located within 1,000 feet of a school. Therefore, pursuant to California Health and Safety Code 42301.6, a school notice is not required.

**California Environmental Quality Act (CEQA)**

The California Environmental Quality Act (CEQA) requires each public agency to adopt objectives, criteria, and specific procedures consistent with CEQA Statutes and the CEQA Guidelines for administering its responsibilities under CEQA, including the orderly evaluation of projects and preparation of environmental documents. The San Joaquin Valley Unified Air Pollution Control District (District) adopted its *Environmental Review Guidelines* (ERG) in 2001. The basic purposes of CEQA are to:

- Inform governmental decision-makers and the public about the potential, significant environmental effects of proposed activities.

- Identify the ways that environmental damage can be avoided or significantly reduced.

- Prevent significant, avoidable damage to the environment by requiring changes in projects through the use of alternatives or mitigation measures when the governmental agency finds the changes to be feasible.

- Disclose to the public the reasons why a governmental agency approved the project in the manner the agency chose if significant environmental effects are involved.

The County of San Joaquin (County) is the public agency having principal responsibility for approving the project. As such, the County served as the Lead Agency (CCR §15367). In approving the project, the Lead Agency prepared and adopted a Negative Declaration. The Lead agency filed a Notice of Determination, stating that the environmental document was adopted pursuant to the provisions of CEQA and concluding that the project would not have a significant effect on the environment.
The District is a Responsible Agency for the project because of its discretionary approval power over the project via its Permits Rule (Rule 2010) and New Source Review Rule (Rule 2201), (CCR §15381). As a Responsible Agency the District complies with CEQA by considering the environmental document prepared by the Lead Agency, and by reaching its own conclusion on whether and how to approve the project (CCR §15096).

The District has considered the Lead Agency's environmental document. Furthermore, the District has conducted an engineering evaluation of the project, this document, which demonstrates that Stationary Source emissions from the project would be below the District's thresholds of significance for criteria pollutants. Thus, the District finds that through a combination of project design elements, compliance with applicable District rules and regulations, and compliance with District air permit conditions, project specific stationary source emissions will have a less than significant impact on air quality. The District does not have authority over any of the other project impacts and has, therefore, determined that no additional findings are required (CEQA Guidelines §15096(h)).

IX. Recommendation

Compliance with all applicable rules and regulations is expected. Pending a successful NSR Public Noticing period, issue Authorities to Construct N-4939-2-3 through -95-3 subject to the permit conditions on the attached draft Authorities to Construct in Appendix H.

X. Billing Information

Billing information is listed in Appendix A.

Appendices

A: ATC Equipment Descriptions and Billing Information
B: Daily PE1 and PE2
C: CO2e Calculations
D: BACT Guideline 5.4.13 and Top-Down Analysis for Wine Storage Tanks
E: Historical Storage Records
F: Compliance Certification
G: Certificate of Conformity
H: Draft ATCs
APPENDIX A

ATC Equipment Descriptions and Billing Information
<table>
<thead>
<tr>
<th>ATC</th>
<th>Equipment Description</th>
<th>Fee Schedule</th>
<th>Fee Description</th>
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<td>N-4939-2</td>
<td>MODIFICATION OF 14,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 24: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>B 14,400 Gallon Tank</td>
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<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 112: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939-31</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 113: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 32</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 114: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 33</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 115: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 34</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 116: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 35</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 117: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 36</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 118: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 37</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 119: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 38</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 120: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 39</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 121: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 40</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 122: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 41</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 123: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 42</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 124: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 43</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 125: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 44</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 126: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 45</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 127: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 46</td>
<td>MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 128: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - C</td>
<td>34,500 Gallon Tank</td>
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<td>N-4939 -47</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 60: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,100 Gallon Tank</td>
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<tr>
<td>N-4939 -48</td>
<td>MODIFICATION OF 59,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 9: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<tr>
<td>N-4939 -49</td>
<td>MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 10: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,300 Gallon Tank</td>
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<tr>
<td>N-4939 -50</td>
<td>MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 12: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,600 Gallon Tank</td>
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<tr>
<td>N-4939 -51</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 64: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,600 Gallon Tank</td>
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<tr>
<td>N-4939 -52</td>
<td>MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 65: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<tr>
<td>N-4939 -53</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 8: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,500 Gallon Tank</td>
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<td>N-4939 -54</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 64: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<td>N-4939 -55</td>
<td>MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 62: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,500 Gallon Tank</td>
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<tr>
<td>N-4939 -56</td>
<td>MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 63: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,500 Gallon Tank</td>
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<td>N-4939 -57</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 2: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,600 Gallon Tank</td>
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<td>N-4939 -58</td>
<td>MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 4: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<tr>
<td>N-4939 -59</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 6: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,500 Gallon Tank</td>
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<td>N-4939 -60</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 7: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<tr>
<td>N-4939 -61</td>
<td>MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 13: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05 - D</td>
<td>59,400 Gallon Tank</td>
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<td>N-4939</td>
<td>62 - MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 3: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,400 Gallon Tank</td>
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<td>N-4939</td>
<td>63 - MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 30: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,500 Gallon Tank</td>
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<td>N-4939</td>
<td>64 - MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 47: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,600 Gallon Tank</td>
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<td>N-4939</td>
<td>65 - MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 59: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,500 Gallon Tank</td>
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<td>N-4939</td>
<td>66 - MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 26: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,600 Gallon Tank</td>
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<td>N-4939</td>
<td>67 - MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 29: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,700 Gallon Tank</td>
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<td>N-4939</td>
<td>68 - MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 33: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,700 Gallon Tank</td>
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<td>N-4939</td>
<td>69 - MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 44: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,800 Gallon Tank</td>
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<td>N-4939</td>
<td>70 - MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 1: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,600 Gallon Tank</td>
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<td>N-4939</td>
<td>71 - MODIFICATION OF 59,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 32: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,700 Gallon Tank</td>
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<td>N-4939</td>
<td>72 - MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 37: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,900 Gallon Tank</td>
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<tr>
<td>N-4939</td>
<td>73 - MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 43: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 60,000 Gallon Tank</td>
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<td>N-4939</td>
<td>74 - MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 48: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,700 Gallon Tank</td>
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<td>N-4939</td>
<td>75 - MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 61: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,700 Gallon Tank</td>
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<td>N-4939</td>
<td>76 - MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RLD AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 28: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05</td>
<td>D 59,800 Gallon Tank</td>
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<tr>
<td>N-4939-77</td>
<td>MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 38: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 59,800 Gallon Tank</td>
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<td>N-4939-78</td>
<td>MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 45: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,000 Gallon Tank</td>
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<tr>
<td>N-4939-79</td>
<td>MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 58: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 59,800 Gallon Tank</td>
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<tr>
<td>N-4939-80</td>
<td>MODIFICATION OF 59,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 66: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,000 Gallon Tank</td>
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<tr>
<td>N-4939-81</td>
<td>MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 5: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 59,900 Gallon Tank</td>
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<td>N-4939-82</td>
<td>MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 46: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 59,800 Gallon Tank</td>
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<tr>
<td>N-4939-83</td>
<td>MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 31: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,000 Gallon Tank</td>
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<td>N-4939-84</td>
<td>MODIFICATION OF 60,100 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 35: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,000 Gallon Tank</td>
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<td>N-4939-85</td>
<td>MODIFICATION OF 60,200 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 27: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,100 Gallon Tank</td>
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<tr>
<td>N-4939-86</td>
<td>MODIFICATION OF 60,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 36: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,200 Gallon Tank</td>
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<td>N-4939-87</td>
<td>MODIFICATION OF 62,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 42: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP</td>
<td>3020-05-05</td>
<td>D 60,400 Gallon Tank</td>
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<td>MODIFICATION OF 123,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 69: ESTABLISH SPECIFIC LIMITING CONDITION FOR ANNUAL VOC EMISSIONS FROM ALL WINE TANKS AT THIS FACILITY AND REVISE EQUIPMENT DESCRIPTION TO INDICATE THAT THIS TANK IS A FERMENTATION TANK ONLY (NO STORAGE)</td>
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APPENDIX B

Daily PE1 and PE2
### Daily Pre-Project Potential to Emit for All Fermentation Emissions Units

Basis: Worst case daily emission Factor is 3.46 lb-VOC/1000 gal for red wine fermentation per FYI-114

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<th>Emission Factor lb-VOC/1000 gal</th>
<th>Daily Fermentation Emissions (lb-VOC/day)</th>
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### Daily Post-Project Potential to Emit for Storage Tank Emissions

**Units**

**Basis:**

1. All tanks are insulated, therefore emissions are from working losses only.
2. All tanks are limited to 23.9% ethanol.
3. All tanks are limited to a daily throughput equal to their rated volume capacity.
4. Per FYI-114, emission factor is 0.364 lb-VOC/1000 gallons of daily throughput (interpolated).

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CO2 Emissions from Fermentation for Turner Road Vintners:

Basis:
- Turner Road has an existing Specific Limiting Condition which limits annual emissions to 259,738 lb-VOC/year, of which 182,400 lb-VOC/year are from fermentation.
- Assume all wine produced is white wine.
- The VOC emission factor is 1.6 lb-VOC per 1000 gallons of white wine fermented.
- Maximum practical ethanol content for wine fermentation is 15 volume percent (higher concentrations have a negative impact on yeast reproduction with death of the yeast occurring at around 18%)
- Molecular weight of ethanol and CO2 are 46 and 44 lb/mole respectively.
- The fermentation reaction produces one mole of carbon dioxide for each mole of ethanol produced.
- Liquid density for ethanol is 6.61 lb/gal at 60°F.

Facility PE Calculation:

Maximum Annual Wine Production Based on 100% White Wine' = 259,738 lb-VOC/year + 1.6 lb-VOC/1000 gallons

Maximum Annual Wine Production Based on 100% White Wine' = 114,000,000 gallons per year

Maximum Annual Ethanol Production = 114,000,000 gal/year x 15% ethanol x 6.61 lb-ethanol/gallon

Maximum Annual Ethanol Production = 113,031,000 lb-ethanol per year

Maximum Annual CO2 Production = 113,031,000 lb/year x 1 mole CO2/46 lb ethanol x 1 mole ethanol/1 mole CO2 x 44 lb CO2/mole CO2

Maximum Annual CO2 Production = 108,116,609 lb-CO2 per year

Maximum Annual CO2 Production = 54,058 ton-CO2 per year
APPENDIX D

BACT Guideline 5.4.13 and Top-Down Analysis for Wine Storage Tanks
**San Joaquin Valley**
**Unified Air Pollution Control District**

**Best Available Control Technology (BACT) Guideline 5.4.13**
Last Update 10/6/2009

**Wine Storage Tank**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Achieved in Practice or contained in the SIP</th>
<th>Technologically Feasible</th>
<th>Alternate Basic Equipment</th>
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<td>VOC</td>
<td>1. Insulation or Equivalent**, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; &quot;gas-tight&quot; tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation.</td>
<td>1. Capture of VOCs and thermal or catalytic oxidation or equivalent (98% control)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Capture of VOCs and carbon adsorption or equivalent (95% control)</td>
<td>3. Capture of VOCs and absorption or equivalent (90% control)</td>
<td>4. Capture of VOCs and condensation or equivalent (70% control)</td>
</tr>
</tbody>
</table>

**Tanks made of heat-conducting materials such as stainless steel may be insulated or stored indoors (in a completely enclosed building, except for vents, doors and other essential openings) to limit exposure to diurnal temperature variations. Tanks made entirely of non-conducting materials such as concrete and wood (except for fittings) are considered self-insulating.**

BACT is the most stringent control technique for the emissions unit and class of source. Control techniques that are not achieved in practice or contained in a state implementation plan must be cost effective as well as feasible. Economic analysis to demonstrate cost effectiveness is required for all determinations that are not achieved in practice or contained in an EPA approved State Implementation Plan.

*This is a Summary Page for this Class of Source*
Top Down BACT Analysis for VOC Emissions

Wine Storage

Step 1 - Identify All Possible Control Technologies

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, identifies achieved in practice BACT for wine storage tanks as follows:

1) Insulation or Equivalent**, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; "gas-tight" tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation.

**Tanks made of heat-conducting materials such as stainless steel may be insulated or stored indoors (in a completely enclosed building, except for vents, doors and other essential openings) to limit exposure to diurnal temperature variations. Tanks made entirely of non-conducting materials such as concrete and wood (except for fittings) are considered self-insulating.

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, identifies technologically feasible BACT for wine storage tanks as follows:

2) Capture of VOCs and thermal or catalytic oxidation or equivalent (98% control)
3) Capture of VOCs and carbon adsorption or equivalent (95% control)
4) Capture of VOCs and absorption or equivalent (90% control)
5) Capture of VOCs and condensation or equivalent (70% control)

Step 2 - Eliminate Technologically Infeasible Options

None of the above listed technologies are technologically infeasible.

Step 3 - Rank Remaining Control Technologies by Control Effectiveness

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<th>Overall Capture and Control Efficiency</th>
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<td>Capture of VOCs and thermal or catalytic oxidation or equivalent</td>
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<td>2</td>
<td>Capture of VOCs and carbon adsorption or equivalent</td>
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<td>4</td>
<td>Capture of VOCs and condensation or equivalent</td>
<td>70%</td>
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<tr>
<td>5</td>
<td>Insulation or Equivalent**, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; &quot;gas-tight&quot; tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation</td>
<td>Baseline (Achieved-in-Practice)</td>
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</table>
Step 4 - Cost Effectiveness Analysis

A cost-effective analysis is performed for each control technology which is more effective than meeting the requirements of District Rule 4694 plus tank insulation (achieved-in-practice BACT), as proposed by the facility. The cost-effectiveness analysis will be performed based on the following:

- Since the most cost effective approach will be achieved by installing a common control device for multiple tanks, the analysis will be based on this approach.
- To expand the scope and generality of this BACT, the cost-effectiveness analysis will be based on a hypothetical “industry-typical” storage tank operation consisting of a battery of twelve (12) insulated storage tanks each with a capacity of 200,000 gallons (total capacity 12 x 200,000 = 2,400,000 gallons). Since this tank capacity exceeds the average wine tank size of 48,423 gallons at TRV, if it is determined that any particular control system is not cost effective for the 200,000 gallon tanks, it can be assumed to not be cost effective at TRV due to economy of scale.
- Total potential annual throughput for the hypothetical tank battery is determined based on the District’s model for calculating the PE for a winery operation. The following assumptions are applicable:

  - The winery production capacity is limited by total tank volume rather than by grape pressing or crushing capacity (typical for most wineries).
  - Each gallon of wine produced is transferred 8 times as a part of the post fermentation processing, blending and bottling (basic parameter in the District’s PE model).
  - The winery produces 100% red wine (conservative assumption since red wine has a lower residence time requirement in the winery and thus a greater amount of red wine can be produced versus white wine when considering only the tank capacity as a limiting factor).
  - Maximum average annual ethanol content of produced wine is 16 volume % (basic parameter in the District’s PE model).
  - The emission factor for wine in insulated tanks with 16 volume % ethanol is 0.143 lb-VOC/1000 gallons throughput (per District’s FYI-114, Estimating Emissions from Winery Tanks).
  - The wine crush season is 120 days (basic parameter in the District’s PE model).
  - The red wine residence time requirement is 45 days (basic parameter in the District’s PE model).

Per the District’s PE model, the wine production capacity associated with 3,000,000 gallons of tank capacity is:

\[
W_4 = \frac{(V_T \times D_r)}{R_{TS}} \text{ (limited by overall tank processing)}
\]

\[
D_r = \text{days in a red wine crush season} = 120 \text{ days}
\]

\[
R_{TS} = \text{Total winery retention time for red wine} = 45 \text{ days}
\]

\[
V_T = \text{Effective Total Winery Cooperage (gal) for red wine}
\]

\[
W_4 = \frac{(2,400,000 \times 120)}{45} = 6,400,000 \text{ gallons per year}
\]
Since each gallon is transferred 8 times, the total storage throughput is:

Throughput = 8 x 6,400,000 = 51,200,000 gallons per year

Storage tank emissions are calculated using the emission factor:

Emissions = 51,200,000 gal/year x 0.143 lb-VOC/1000 gallons
           = 7,322 lb/year = 3.7 tons per year

- The emissions estimate above is based on insulated storage tanks equipped and operated in accordance with District Rule 4694 which represents current Achieved-in-Practice BACT. Since this tank configuration is almost universal in the San Joaquin Valley. This emission level is considered to be “industry standard” and will be considered to be the uncontrolled emissions from the tanks for purposes of this analysis.

**Capture of VOCs with Thermal or Catalytic Oxidation/ Carbon Adsorption/Absorption or Condensation (Options 2,3,4, and 5)**

A common feature of all of these options is that they require installation of a collection system for delivering the VOC’s from the tanks to the common control device. The analysis below indicates that these options are not cost effective by showing that just the annualized direct cost for the ductwork of the collection system and supporting structural steel and foundations alone is too large, when considered at the District’s cost effectiveness threshold for VOC BACT, to justify the capital investment required by these options. This approach ignores additional major costs for the actual control device and its installation and for equipment sterilization systems for ductwork and control device, instrumentation and control systems for isolation of individual tanks in the battery, site specific factors due to limited plot space (known to be a significant factor at all wineries), and operating and maintenance costs for each system. Should all these additional cost factors be included, the calculated cost effectiveness would be substantially higher than indicated below.

**Capital Investment For Installation of a VOC Collection System**

**Design and Estimate Basis:**

- The basis and approach for the capital cost estimate for ductwork and support steel is summarized in BACT Attachment 1.
- The collection system consists of stainless steel plate ductwork (stainless steel is required due to cleanliness and sterilization requirements for wine quality considerations and due to the food grade product status) with isolation valving, connecting twelve 250,000 gallon tanks to a common manifold system which ducts the combined vent to the common control device. The cost of dampers and isolation valving, installed in the ductwork, will not be included in the cost estimate.
- A minimum duct size is established at 6 inches diameter at each tank to ensure minimal backpressure of the tank during filling operations and to provide adequate strength for spanning between supports. The main header is 12” diameter to handle the potential for simultaneously venting all tanks based on a potential fill rate of 1000 gpm for each tank (per applicant) and a duct velocity of 2000 feet per minute.
The ductwork is designed with features to facilitate clean-in-place (CIP) operation to allow for periodic sterilization procedures as required for food grade products. The CIP system includes strategically placed spray nozzles on the ductwork for injecting sterilizing solutions into the system. Cost impacts to install CIP systems to clean the ducting are not included in the cost estimate.

The ductwork is supported on a structural steel pipe rack mounted on drilled concrete piers, running through the new tank battery. Ducting elevations are established to allow continuous free draining to the separator located at the control device.

Unit Installed Costs for Ductwork: A direct cost estimate for 12" diameter stainless steel ductwork, installed in a San Joaquin Valley winery, was taken from a study prepared by Eichleay Engineering for the Wine Institute in conjunction with development of District Rule 4694. The estimate is based on 2nd quarter 2005 dollars, and includes fittings, miscellaneous duct supports and other materials plus field labor costs required to install the ductwork, but does not include other associated indirect costs such as construction management, engineering, owner's cost, contingency, etc. BACT Attachment 1 presents the development of unit installed costs for stainless steel ducting based on the costs derived from the Eichleay estimate.

Linear feet of ducting required was extracted from the Eichleay Estimate for a similar system at Gallo-Livingston (see BACT Attachment 1).

Costs for structural steel supports and foundations were extracted from the Eichleay Estimate for a similar system at Gallo-Livingston (see BACT Attachment 1).

Sales tax of 8% was applied to all materials.

Indirect costs include Engineering, Construction Expense and Contractor's Fee and Contingency. Factors for these costs are taken from Peters & Timmerhaus.

Capital costs taken from the Eichleay estimate are 2005 dollars. These are escalated to 2012 based on 2% overall escalation per year.

Fixed Capital Investment is summarized in the following table:

---

3 Eichleay Engineers of California, Fermenter VOC Emissions Control Cost Estimate (Revision 1). Eichleay Project Numbers 30892 and 30913, June 30, 2005

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Annualized Capital Investment (based on ductwork):

Annualized Capital Investment = Initial Capital Investment × Amortization Factor

Amortization Factor = 0.163 per District policy, amortizing over 10 years at 10%

Therefore,

Annualized Capital Investment = $954,281 × 0.163 = $155,500

Emission Reduction:

Option 2 is capable of a 98% reduction in VOC emissions while the remaining options under consideration have lesser control efficiencies. Showing that all of the options under consideration are not cost effective at a 98% reduction level based on capital investment requirements of ductwork and steel alone is adequate since options other than thermal/catalytic oxidation would be even less cost effective at their actual (lower) reduction levels.

Annual Emission Reduction = Uncontrolled Emissions × 0.98
                           = 3.7 tons-VOC/year × 0.98
                           = 3.6 tons-VOC/year

Cost Effectiveness

Cost Effectiveness = Annualized Cost/Annual Emission Reductions

Cost Effectiveness = $155,500/3.6 tons-VOC = $43,194/ton-VOC

As shown above, the cost of VOC reduction by capture of VOCs with thermal or catalytic oxidation, carbon adsorption, absorption or condensation would be greater than the $17,500/ton cost effectiveness threshold for VOC in the District BACT policy, based only on the direct cost required for the collection ducting. Therefore these options are not cost-effective and will not be considered for this project.

Step 5 - Select BACT

All identified feasible options with control efficiencies higher than the option proposed by the facility have been shown to not be cost effective. The facility has proposed Option 1, insulated tank, “gas tight” tank operation and achieve and maintain a continuous storage temperature not exceeding 75 °F within 60 days of completion of fermentation. These BACT requirements will be placed on the permits as enforceable conditions.
Attachments

BACT Attachment 1: Development of Direct Costs for Installation of a VOC Collection System on a Battery of Wine Storage Tanks
BACT Attachment 2: Plot Plan for Gallo-Livingston (Eichleay Study)
BACT Attachment 3: Ducting Costs for VOC-2 (Eichleay Study)
BACT Attachment 4: Structural Steel Costs for VOC-2 (Eichleay Study)
BACT Attachment 5: Foundation Costs for VOC-2 (Eichleay Study)
BACT Attachment 1

Development of Direct Costs for Installation of a VOC Collection System on a Battery of Wine Storage Tanks
**Background**

During the development of District Rule 4694 (Wine Fermentation and Storage Tanks), The Wine Institute commissioned a study by Eichleay Engineers of California to develop costs for installation of VOC controls on all wine fermentation tanks at the Gallo winery located at Livingston, CA. The SJVAPCD participated in development of the study and in the review of the final draft. The District reviewed this estimate (Eichleay study) in conjunction with the development of District Rule 4694 (see Appendix C, Final Draft Staff Report - Rule 4694, December 15, 2005). The District’s review indicated that, although the District took issue with various scope elements of the overall estimate, the estimating methodology employed appears to be fundamentally sound and follows accepted practice in the engineering and construction industry, accurately estimating the material quantities required for the stated scope and applying reasonable unit rates and costs for materials and labor for development of direct costs.

The Eichleay study developed detailed direct cost estimates for four separate tank batteries at Gallo-Livingston; VOC-1, ’-2, ‘-3 and ‘-4 (see plot diagram in BACT Attachment 2). The direct cost estimate scope for each battery included a stainless steel ducting manifold system connected to a VOC control device and structural steel ducting supports with associated foundations. VOC-2 is a tank battery consisting of twelve (12) 200,000 gallon capacity tanks, identical to the hypothetical "industry-typical" tank battery installation which forms the basis for the cost effectiveness calculations for this BACT determination. The estimates of ducting, steel supports and foundations prepared in the Eichleay study for VOC-2 can be used as a basis to establish costs for the cost effectiveness evaluation required by this BACT determination.

**Approach and Estimate Basis**

**Ducting**

BACT Attachment 3 is the detailed direct cost estimate from the Eichleay study for ducting for VOC-2 (annotated to indicate the required subtotals). Since VOC-2 at Gallo-Livingston consists of twelve fermentation tanks rather than storage tanks, the diameter of the estimated ductwork is larger than required for storage-only tanks due to the much larger vent rate from fermentation. However, since the tank sizes and layout considerations would not be affected by tank utilization, the Eichleay estimate of total linear footage and duct fittings ductwork can be utilized directly. The estimate details in BACT Attachment 3 are utilized in the following manner to develop ducting costs for the "industry typical" tank battery:

- Linear feet of ductwork required is taken directly from the Eichleay estimate for VOC-2 (BACT Attachment 3). Linear feet required for individual branch connections to each tank is given by the footage of 12” diameter ducting while the linear footage for the main header is represented by the balance of the ductwork for VOC-2. Based on this approach, 75 linear feet of ducting is required for branch connections to the tanks while 870 feet of ducting is required for the main headers and the ducting run to the control device. Since the "industry-typical" ducting for storage tanks has been determined to be 6” diameter for branch connections and 12” diameter for the main header, the following material requirements are established for the "industry-typical" storage tank battery:

  6” diameter ducting:  75 linear feet
12" diameter ducting: 870 linear feet

- Unit direct cost ($ per foot) of 12" diameter ducting can be determined by adding the labor and material costs required and dividing by the total linear footage of the particular diameter of ducting included in the estimate. For the 75 linear feet of 12" diameter ducting included in the Eichleay estimate for VOC-2, total labor and material costs were estimated at $5,137 and $5,650 respectively. Dividing each figure by 75 yields the unit labor and material costs for 12" diameter ducting:

  Unit labor cost for 12" ducting: $68.49/ft
  Unit material cost for 12" ducting: $75.33/ft

- The Eichleay estimate did not include estimates of direct cost for 6" diameter duct. Therefore, it is necessary to develop a cost by appropriate factoring of the 12" diameter cost. To adjust the direct cost to a 6" system, cost equations for stainless steel plate ductwork are taken from the EPA Air Pollution Control Manual, Section 2, Chapter 1, Table 1.9, which indicates a cost equation for stainless steel plate duct as follows:

  \[ \text{Duct Cost} = 6.29 \times (\text{Duct Diameter}_{\text{inches}})^{1.23} \]

  Using this equation form, it is apparent the relative cost of 6" duct versus 12" duct can be calculated as follows:

  \[ 6" \text{ Duct Cost} = 12" \text{ Duct Cost} \times (6/12)^{1.23} \]

  Since the EPA cost manual develops total direct cost based on applying additional factors to the duct cost, the use of the above factor for adjustment of the total direct cost is consistent with EPA cost estimation methods.

  Therefore,

  Unit Labor Cost for 6" Duct = $68.49 \times (6/12)^{1.23} = $29.20/linear foot

  Unit Material Cost for 6" Duct = $75.33 \times (6/12)^{1.23} = $32.11/linear foot

**Structural Steel**

- Structural steel cost can be assumed to be the same for the "industry-typical" system as for VOC-2 since the heights and sizes of structure will be the same. BACT Attachment 4 is the Eichleay estimate of structural steel required for VOC-2, annotated to show required subtotal. Based on this approach, structural steel cost for the industry-typical" case is as follows:

  Purchased Structural Steel : $287,630
  Labor for Erection of Structural Steel: $45,273
Cost for foundations for the structural steel towers can be assumed to be the same for the “industry-typical” system as for VOC-2 since the heights and sizes of structure are assumed to be the same. BACT Attachment 5 is the Eichleay estimate of the foundations required for VOC-2, annotated to show required subtotal. Pricing is based on a subcontract price including labor and materials. Based on this approach, 32 drilled concrete piers are required at a subcontract cost of $1,000 each.
BACT Attachment 2

Plot Plan for Gallo-Livingston (Eichleay Study)
BACT Attachment 3

Ducting Costs for VOC-2 (Eichleay Study)
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Concrete
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| subtotal | 12,278,733 | 12,768,541 |
| TOTAL (gallons) | 25,047,274 |
APPENDIX F

Compliance Certification
August 20, 2013

Jesse Garcia  
San Joaquin Valley Air Pollution Control District  
1990 East Gettysburg Ave  
Fresno, CA  93726

Re: Additional Requirements for Federal Major Modifications (Project N-1132719)

Dear Mr. Garcia,

The above-referenced project is considered a federal major modification in accordance with SJVUAPCD Rule 2201 (New and Modified Stationary Source Review Rule). Therefore a certification of compliance is required pursuant to Rule 2201, Section 4.15.1.

This letter is to certify that all major stationary sources owned or operated by Constellation Brands, Inc. in California which are subject to emission limitations are in compliance or on a schedule for compliance with all applicable emission limitation standards. The major stationary sources in California are:

- Turner Road Vintners (FID #N-4939)
- Woodbridge Winery (FID #N-2321)
- Mission Bell Winery (FID #C-628)

Sincerely,

[Signature]

Dan Hansen  
General Manager  
Constellation Brands US Operations, Inc – Turner Road Vintners
APPENDIX G

Certificate of Conformity
San Joaquin Valley
Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

[X] SIGNIFICANT PERMIT MODIFICATION
[ ] MINOR PERMIT MODIFICATION
[ ] ADMINISTRATIVE AMENDMENT

<table>
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<tr>
<th>COMPANY NAME: CBUS INC (dba TURNER ROAD VINTNERS)</th>
<th>FACILITY ID: N - 4939</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Type of Organization: [X] Corporation [ ] Sole Ownership [ ] Government [ ] Partnership [ ] Utility</td>
<td></td>
</tr>
<tr>
<td>2. Owner's Name: Constellation Brands</td>
<td></td>
</tr>
<tr>
<td>3. Agent to the Owner: Wendy Garcia</td>
<td></td>
</tr>
</tbody>
</table>

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

☑ Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).

☑ Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.

☑ Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.

☑ Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

[Signature of Responsible Official]  [Date]  2/3/13

DAN HANSEN
Name of Responsible Official (please print)

GENERAL MANAGER
Title of Responsible Official (please print)

Mailing Address: Central Regional Office * 1990 E. Gettysburg Avenue * Fresno, California 93726-0244 * (559) 230-5900 * FAX (559) 230-6061

TVFORM-009
Rev: Jul 2
APPENDIX H

Draft ATCs
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-2-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 24: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-2-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-2-3 Sep 5, 2013 1:05PM - 191184 - JRT Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-3-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 25. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-3-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER - Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-4-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 19: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-4-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-5-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 20: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-5-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all laws and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-6-3

LEGAL OWNER OR OPERATOR: CBUS OPS, DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 22. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-6-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO:  N-4939-7-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR:  CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS:  4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:  4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 23. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-7-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadretdin, Executive Director  APCO

DAVID WARNER, Director of Permit Services
N-4939-7-3 Sep 9 2013 1:09PM -- DRAFT  Joint Inspection NOT Requested
Northern Regional Office  •  4800 Enterprise Way  •  Modesto, CA 95356-8718  •  (209) 557-6400  •  Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-8-3  ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 18: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-8-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director
APCO

David Warner, Director of Permit Services
N-4939-8-3  Sep 2 2013 1:06PM - GARGAN  Joint Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-9-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 14,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 21: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-9-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-10-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS:  
4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:  
4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 27,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 15: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-10-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E+4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-11-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:
4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 27,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 16: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-11-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director / APCO

DAVID WARNER - Director of Permit Services
N-4939-11-3 - Sep 9, 2013 1:08PM - DRAFT - Northern Regional Office - 4800 Enterprise Way - Modesto, CA 95356-8718 - (209) 557-6400 - Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-12-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 28,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 17: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-12-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-12-3  Sec 1 2013 1:05PM - GACOAL  Joint inspection NOT Required
Northern Regional Office  •  4800 Enterprise Way  •  Modesto, CA 95356-8718  •  (209) 557-6400  •  Fax (209) 557-6475
Conditions for N-4939-12-3 (continued)

6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38 (94 E-4), b = 0.97917 (E-2) and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-13-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 28,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 14: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-13-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director \ TAPCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-14-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 101: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. \{1830\} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. \{1831\} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. \{98\} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-14-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director | APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0.0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-15-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION: MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 102: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-15-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreolin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194 \times 10^{-4} \), \( b = 0.97917 \times 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-16-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 103: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-16-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-16-3 Sep 3 2013 1:05PM - CRCAL - JAH Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-17-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 104: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-17-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
N-4939-17-3 Sep 8, 2015 1:00 PM - GARCA - Not Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-18-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 105: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-18-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-8400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-19-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:
4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 106. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-19-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-19-3 - Sept 5, 2013 1:06PM - DRAFT - Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \times 10^{-4} \), \( b = 0.97917 \times 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4933-20-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 107: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-20-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-21-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 108: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-21-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director 1APCO

DAVID WARNER, Director of Permit Services
N-4939-21-3  Sep 9, 2013  1:54PM - DARCAY - Joint Inspection NOT Required
Northern Regional Office  4800 Enterprise Way  Modesto, CA 95356-8718  (209) 557-6400  Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-22-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 33,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 128: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-22-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
L-4939-22-3  Sep 9, 2015 1:06 PM - IPARCAL  Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-23-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 109; DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-23-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-23.3  Sep 1 2013  1:06PM - GARCIA - Joint Inspection NOT Required
Northern Regional Office ● 4800 Enterprise Way ● Modesto, CA 95356-8718 ● (209) 557-6400 ● Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-24-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 126: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-24-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-8400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrebin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-25-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 129: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-25-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrein, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-25-3 - Sep 2 2013 1:56:14 PM - CARDCW - Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Mcdoest, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-26-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 131: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-26-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P + b \times P^2 + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-27-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 132: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-27-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2650, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 9. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-28-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:
4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 110: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-28-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-28-3  Sep 9, 2013 1:35 PM  065CALI  SWR Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-29-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 111. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-29-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrelin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4039-29-3. May 8, 2013, 9:30PM - GARFIA --- joint inspection NOT Required
Northern Regional Office ● 4800 Enterprise Way ● Modesto, CA 95356-8718 ● (209) 557-6400 ● Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-30-3

ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 112: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-30-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-30-3  Sep 9 2013  1:06PM - GARCIA / JOHN Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \times P^2 + b \times P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-31-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 113: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-31-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER - Director of Permit Services
Northern Regional Office ● 4800 Enterprise Way ● Modesto, CA 95356-8718 ● (209) 557-6400 ● Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-32-3
ISUSSANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 114. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-32-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrelin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194 \cdot 10^{-4}, b = 0.97917 \cdot 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-34-3  
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD  
(EAST FACILITY) Lodi, CA 95242

LOCATION: 4614 WEST TURNER ROAD  
Lodi, CA 95242

EQUIPMENT DESCRIPTION: MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 116. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-34-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-34-3 · 30-2-2013 · 1:09PM · DARC/CWA · Joint Inspection NOT Required

Northern Regional Office · 4800 Enterprise Way · Modesto, CA 95356-8718 · (209) 557-6400 · Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-35-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 117. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District: Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-35-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-35-3 Sep 5 2013 1:07PM - GAROAJ Joint Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-36-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 118: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-36-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-36-3 - Sep 8 2013 1:07PM - DRC01 - JLH Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \[ EF = a \times P^2 + b \times P + c \] where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-37-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 119: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-37-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-37-3. Sep 3, 2015 1:07 PM - GRS/CA / And inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \times 10^{-4} \), \( b = 0.97917 \times 10^{-2} \), and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-38-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 120: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-38-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER - Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-39-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 121: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-39-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director \ APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-40-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD  
(EAST FACILITY)  
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD  
LODI, CA 95242

EQUIPMENT DESCRIPTION: MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 122: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-40-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \[EF = a \times P^2 + b \times P + c\]; where \(EF\) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \(P\) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \(a = -0.38194E-4\), \(b = 0.97917E-2\) and \(c = 0\). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-41-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 123: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-41-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director | APCO

DAVID WARNER, Director of Permit Services
N-4939-41-3  Sep 2 2013  1:07PM - MARC/AI - Last inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-42-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 124: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-42-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-43-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD (EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 125: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-43-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-43-3  Sep 9 2013  1:07PM - GARCIA - Draft Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \times 10^{-4}, b = 0.97917 \times 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-44-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 34,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 127: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. §1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. §1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. §98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-44-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director, APCCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-45-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 130: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-45-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/TAPCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-5475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-46-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 35,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 133: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c) [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-46-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-47-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS

MAILING ADDRESS: 4614 WEST TURNER ROAD

(EAST FACILITY)
Lodi, CA 95242

LOCATION: 4614 WEST TURNER ROAD
Lodi, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,100 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 11: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLODED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-47-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-48-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 60: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-48-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-48-3: Rev 9 2013 10PM - GARCIA/ / JNT Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-49-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,300 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 9: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c) [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-49-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be canceled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-49-3 Date 7/31/13 1:07PM - GARCIA - Joint inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-50-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 10. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLODED TOP.

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-50-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-50-3 Sep 5, 2013 12:14PM -- DACOA / Joint Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a * P^2 + b * P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-51-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 12: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-51-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-52-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINITNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 64: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLODED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-52-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-52-3, Sep 8, 2013 1:09PM - (209) 557-6400, Fax (209) 557-6475 Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-53-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 65: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-53-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORlTY TO CONSTRUCT

PERMIT NO: N-4939-54-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 8; DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-54-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-54-3, Sep 9 2013 1:27PM - DACIAC: 1.D. Inspection M47 Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-55-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD (EAST FACILITY)
Lodi, CA 95242

LOCATION: 4614 WEST TURNER ROAD
Lodi, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 34: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-55-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \cdot 10^{-4}, b = 0.97917 \cdot 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-56-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 62: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-56-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director / APCO

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6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-57-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
                   (EAST FACILITY)
                   LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
           LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 63. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-57-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-58-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 2: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit
2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Authority to Construct (ATC) N-4939-58-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit
5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrelin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-59-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINITERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 4: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-59-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1,000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1,000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \times 10^{-4} \) \( b = 0.97917 \times 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-60-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINNTERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 6. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit
2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Authority to Construct (ATC) N-4939-60-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreldin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-61-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 55,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 7: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-61-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-61-3: Sep 28 2013 1:07PM - GARCAL - Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2261] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-62-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 13: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-62-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-63-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 3. DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformance with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-63-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director | APCO

DAVID WARNER, Director of Permit Services
N-4939-63-3, Sep 8 2013 1:27PM - GARCIA - Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-64-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 30: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-64-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \times P^2 + b \times P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-65-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 47: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (188) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-65-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-65-3  Sec 9/2013  1:08PM - GARCIA  Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-66-3  
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS  
MAILING ADDRESS: 4614 WEST TURNER ROAD  
(EAST FACILITY)  
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD  
LODI, CA 95242

EQUIPMENT DESCRIPTION: MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 59: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-66-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services  
N-4939-66-3 Sep 9 2013 1:08PM - GARCIA - Joint Inspection NOT Required

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput, and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-67-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 26: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-67-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-68-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 29: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-68-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21, [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E+4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-69-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 33: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-69-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-69-3 Sep 2 2013 1:16PM - GARCAJ - Draft Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a*P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-70-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,600 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 44: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-70-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director 
APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-71-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 1: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-71-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a * P^2 + b * P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-72-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 32: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. \{1830\} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. \{1831\} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. \{98\} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-72-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/APOCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-73-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION:  4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 37: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-73-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-73-3  Sep 9, 2013 1:08PM - GARCHIN  - JIPX Inspection NOT Required
Northern Regional Office  4800 Enterprise Way  Modesto, CA 95356-8718  (209) 557-6400  Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a \* P^2 + b \* P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-74-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 43: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-74-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-8400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-8400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-75-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 48: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-75-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director APCO

DAVID WARNER - Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-76-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 61: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-76-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-76-3 · See 8-2013 · DRAFT · Joint Inspection NOT Required
Northern Regional Office · 4800 Enterprise Way · Modesto, CA 95356-8718 · (209) 557-6400 · Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a * P^2 + b*P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-77-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 28: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-77-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V
Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194 \cdot 10^{-4} \), \( b = 0.97917 \cdot 10^{-2} \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-78-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION: MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 38: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-78-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \cdot P^2 + b \cdot P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput, and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-79-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 45: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-79-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V
Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director \ APCCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c, where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-80-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 58: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-80-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-81-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 66: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {1831} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-81-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-82-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 59,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 5: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-82-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-82-3 • Sep 9 2013 1:19PM • GARCIA • Joint inspection NOT Requested
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
SAN JOAQUIN VALLEY
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-83-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 46: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-83-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrein, Executive Director / APCO

DAVID WARNER, Director of Permit Services

Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-84-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 31: DESIGNATE TANK AS STORAGE ONLY AND CORRECT設備 DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-84-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
   V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \times P^2 + b \times P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-85-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242
LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,100 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 35: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-85-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b * P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-86-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,020 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 27: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-86-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
N-4939-86-3  Sep 9, 2013  1:09PM - DARCIAJ  Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-87-3
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 60,400 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 36: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. (1830) This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. (1831) Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-87-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreidin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-87-3: Sep 8, 2013 1:08PM - DARIOCAJ - Final Issuance NOT Returned
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput, or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \times P^2 + b \times P + c$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-6$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-88-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 62,500 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 42: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-88-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
N-4939-88-3. Sep 9 2013. 1 UPM - GARCA. Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-89-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 62,800 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 41: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
CFR 70.9 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-89-2 shall be implemented concurrently, or prior to the modification and startup
of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title
V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \( \% \), \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-90-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 63,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 40: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. [1830] This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. [1831] Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-90-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a * P^2 + b*P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-91-3
LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

ISSUANCE DATE: DRAFT

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 63,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 39: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-91-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95355-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: $EF = a \cdot P^2 + b \cdot P + c$; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, $a = -0.38194E-4$, $b = 0.97917E-2$ and $c = 0$. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-92-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 123,000 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 68: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-92-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-4939-92-3: Sep 8 2013 1:36PM / GARCIA / Joint inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot \text{P}^2 + b \cdot \text{P} + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume \%, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-93-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 123,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 70: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-93-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \times P^2 + b \times P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-94-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 122,900 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE
STORAGE TANK 67: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO
INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40
   CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally
   Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an
   application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520
   Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-94-2 shall be implemented concurrently, or prior to the modification and startup
   of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of
   the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally
   Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all
laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreedin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: \( EF = a \cdot P^2 + b \cdot P + c \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, \( a = -0.38194E-4 \), \( b = 0.97917E-2 \) and \( c = 0 \). [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit
AUTHORITY TO CONSTRUCT

PERMIT NO: N-4939-95-3

LEGAL OWNER OR OPERATOR: CBUS OPS DBA TURNER ROAD VINTNERS
MAILING ADDRESS: 4614 WEST TURNER ROAD
(EAST FACILITY)
LODI, CA 95242

LOCATION: 4614 WEST TURNER ROAD
LODI, CA 95242

EQUIPMENT DESCRIPTION:
MODIFICATION OF 123,700 GALLON CONCRETE OPEN TOP RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK 69: DESIGNATE TANK AS STORAGE ONLY AND CORRECT EQUIPMENT DESCRIPTION TO INDICATE THAT TANK IS GAS TIGHT WITH ENCLOSED TOP

CONDITIONS

1. {1830} This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit

2. {1831} Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Authority to Construct (ATC) N-4939-95-2 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

5. The storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds 10% of the maximum allowable working pressure of the tank. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreini, Executive Director APCO

DAVID WARNER, Director of Permit Services
N-4939-95-3  Sep 5 2013 1:06PM — GARCIA • Joint Inspection NOT Required
Northern Regional Office • 4800 Enterprise Way • Modesto, CA 95356-8718 • (209) 557-6400 • Fax (209) 557-6475
6. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit

7. The daily tank throughput, in gallons, shall not exceed the maximum nominal tank capacity stated on the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit

8. The daily VOC emissions rate for wine storage shall not exceed 0.212 lb/1000 gallons [District Rule 2201] Federally Enforceable Through Title V Permit

9. Total annual VOC emissions from all wine fermentation and wine storage operations at this facility, calculated on a rolling 12-month average basis, shall not exceed 259,738 lbs. [District Rule 2201] Federally Enforceable Through Title V Permit

10. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

12. Total annual VOC emissions from wine storage operations may be determined using the total annual wine throughput and a single storage emissions factor based on the average ethanol content of the annual wine throughput; or using the throughputs for different batches of wine and batch-specific storage emissions factors based on the ethanol content of each batch. [District Rule 2201] Federally Enforceable Through Title V Permit

13. The annual VOC wine storage emission factor for each wine or spirits ethanol content shall be calculated using the following equation: EF = a * P^2 + b*P + c; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. For concentrations up to and including 24 volume %, a = -0.38194E-4, b = 0.97917E-2 and c = 0. [District Rule 2201] Federally Enforceable Through Title V Permit

14. Records of the 12-month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained and updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

15. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit