



FEB 12 2013

Christine Ryan
E & J Gallo Winery - Brandy
200 Yosemite Boulevard
Modesto, CA 95353

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # N-7478
Project # N-1113045**

Dear Ms. Ryan:

The District has issued the Final Title V Permit for E & J Gallo Winery - Brandy. The preliminary decision for this project was made on December 18, 2012. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. Should you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,



David Warner
Director of Permit Services

DW:WMS/st

Enclosures

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) 230-6000 FAX: (559) 230-6061

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



FEB 12 2013

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # N-7478
Project # N-1113045**

Dear Mr. Rios:

The District has issued the Final Title V Permit Renewal for E & J Gallo Winery - Brandy. The preliminary decision for this project was made on December 18, 2012. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. We appreciate your concurrence with this action. Should you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Sincerely,



David Warner
Director of Permit Services

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Central Region (Main Office)
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Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061
www.valleyair.org www.healthyairliving.com

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



FEB 12 2013

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # N-7478
Project # N-1113045**

Dear Mr. Tollstrup:

The District has issued the Final Title V Permit for E & J Gallo Winery - Brandy. The preliminary decision for this project was made on December 18, 2012. No comments were received subsequent to the District preliminary decision. Enclosed are the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. Should you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

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David Warner
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Modesto Bee

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT
NOTICE OF FINAL DECISION TO ISSUE
RENEWED FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue the renewed Federally Mandated Operating Permit to E & J Gallo Winery - Brandy for its spirits plant located at 200 Yosemite Boulevard in Modesto, California.

The District's analysis of the legal and factual basis for this proposed action, project #N-1113045, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. For additional information regarding this matter, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 4800 ENTERPRISE WAY, MODESTO, CA 95356-8718.

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**Title V Permit Renewal Evaluation
E & J Gallo Winery - Brandy
N-7478**

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TITLE V PERMIT RENEWAL EVALUATION

Engineer: Wai-Man So
Date: February 4, 2013

Facility Number: N-7478
Facility Name: E & J Gallo Winery – Brandy
Mailing Address: 200 Yosemite Blvd.,
Modesto, CA 95353

Contact Name: Christine Ryan
Title: Environmental Manager
Phone: (209) 341-6804
Email: christine.ryan@ejgallon.com

Responsible Official: Adam Wenz
Title: Director Operations - Spirits

Project # : N-1113045
Deemed Complete: August 24, 2011

I. PROPOSAL

E & J Gallo Winery - Brandy (hereafter Gallo) was issued a Title V permit on October 31, 2009. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and Federal rules that are updated, removed, or added since the issuance of the Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions.

Since the time the initial Title V permit was issued for this facility, 21 spirits/brandy storage tanks (reference permit units N-7478-5 through N-7578-25) have been included in E & J Gallo's operating permit in accordance with District Rule 2520, Section 6.4.4. These 21 spirits/brandy storage tanks are being included in Gallo's Title V permit.

In addition, Gallo will continue to use the VOC control system, Regenerative Thermal Oxidation (RTO), on each brandy aging operation, (reference permit units N-7478-1 and N-7478-2). Therefore, conditions that pertain to the removal

of VOC control system, and including the following sentence, have been deleted from these permit units:

“This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system.”

Secondly, since the current permits allow 36-month grace period for the facility to discontinue operation of the VOC control system, certain initial design and testing requirements had not been removed from the permits during the Permit to Operates were issued in 2007. These initial design and testing requirements have been conducted and demonstrated compliance. Gallo will continue to use the VOC control systems. Therefore, the initial design and testing requirements have been removed.

Furthermore, the brandy aging operation permits were implemented in 2007, and the District Rule 4695, *Brandy Aging and Wine Aging* was adopted in 2009, such that the current permit pre-dates the newly adopted Rule 4695. Therefore, some terminologies and nomenclatures used in the current permits have been revised to ensure and clarify compliance with the requirements of Rule 4695.

II. FACILITY LOCATION

E & J Gallo Winery - Brandy is located at 200 Yosemite Boulevard in Modesto, California.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant has requested to utilize the Facility-wide Umbrella General Permit Template, SJV-UM-03. Based on the information submitted in the Template Qualification Form, the applicant qualifies for the use of this template.

The following applicable requirements have been addressed by the general permit facility wide umbrella template SJV-UM-03 and will not be discussed in this document:

- District Rule 1100, Equipment Breakdown (Amended December 17, 1992)
- District Rule 1160, Emission Statements (Amended November 18, 1992)

- District Rule 2010, Permits Required (Amended December 17, 1992)
- District Rule 2020, Exemptions (Amended December 20, 2007)
- District Rule 2031, Transfer of Permits (Amended December 17, 1992)
- District Rule 2040, Applications (Amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications (Amended December 17, 1992)
- District Rule 2080, Conditional Approval (Amended December 17, 1992)
- District Rule 2520, Federally Mandated Operating Permits Section 5.2, 9.1.1, 9.4, 9.5, 9.7, 9.8, 9.9, 9.13.1, 9.13.2, 9.16, and 10.0 (Amended June 21, 2001)
- District Rule 4101, Visible Emissions (Amended February 17, 2005)
- District Rule 4601, Architectural Coatings (Amended December 17, 2009)
- District Rule 8011, General Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) (Amended August 19, 2004)
- District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities (Amended August 19, 2004)
- District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Handling and Storage of Bulk Materials (Amended August 19, 2004)
- District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Carryout and Trackout (Amended August 19, 2004)
- District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Open Areas (Amended August 19, 2004)
- District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Paved and Unpaved Roads (Amended August 19, 2004)

- District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Unpaved Vehicle/Equipment Traffic Areas (Amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
- 40 CFR Part 82, Subpart B and F, Protection of Stratospheric Ozone, Servicing of Motor Vehicle Air Conditioners, Recycling and Emissions Reduction

V. SCOPE OF EPA AND PUBLIC REVIEW

Certain segments of the proposed Renewed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

For permit applications utilizing model general permit templates, public and agency comments on the District's proposed actions are limited to the applicant's eligibility for model general permit template, applicable requirements not covered by the model general permit template, and the applicable procedural requirements for issuance of Title V Operating Permits.

The following permit conditions, including their underlying applicable requirements, originate from model general permit templates and are not subject to further EPA or public review.

Permit Unit	Conditions	Template
N-7478-0-1	1 through 40	SJV-UM-03

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2020, Exemption (Amended August 18, 2011)
- District Rule 2201, New and Modified Stationary Source Review Rule (Amended April 21, 2011)
- District Rule 2520, Federally Mandated Operating Permits (Amended June 21, 2001) Sections not addressed by Umbrella Template
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM)

B. Rules Not Updated

- District Rule 4201, Particulate Matter Concentration (Amended December 17, 1992)
- District Rule 4801, Sulfur Compounds (Amended December 17, 1992)

C. Rules Added

- District Rule 4701, Internal Combustion Engines – Phase 1 (Amended August 21, 2003)
- District Rule 4702, Internal Combustion Engines (Amended January 18, 2007) SIP Approved Version
- 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
- 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as "Federally Enforceable Through Title V Permit".

A. Rules Not Updated

- District Rule 1070, Inspections (Amended December 17, 1992)
- District Rule 4102, Nuisance (Amended December 17, 1992)

B. Rules Added

- District Rule 4702, Internal Combustion Engines (Amended August 18, 2011) Non-SIP Approved Version
- District Rule 4695, Brandy Aging And Wine Aging (Adopted September 17, 2009)

- 17 CCR Section 93115, Airborne Toxic Control Measure for Stationary Compression Ignition Engines

VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended and added since the issuance of the initial Title V permit.

1) District Rule 2020 - Exemptions

This rule was amended on August 18, 2011, and this most current version of rule has not yet approved into the State Implementation Plan (SIP). However, the changes to this rule do not affect any of the permits for this facility.

2) District Rule 2201 - New and Modified Stationary Source Review Rule

District Rule 2201 was amended on April 21, 2011, after this facility's Title V permit was issued. This Title V permit renewal does not constitute a modification per section 3.25, defined as an action including at least one of the following items:

- 1) Any change in hours of operation, production rate, or method of operation of an existing emissions unit, which would necessitate a change in permit conditions.
- 2) Any structural change or addition to an existing emissions unit which would necessitate a change in permit conditions. Routine replacement shall not be considered to be a structural change.
- 3) An increase in emissions from an emissions unit caused by a modification of the Stationary Source when the emissions unit is not subject to a daily emissions limitation.
- 4) Addition of any new emissions unit which is subject to District permitting requirements.
- 5) A change in a permit term or condition proposed by an applicant to obtain an exemption from an applicable requirement to which the source would otherwise be subject.

Therefore, the updated requirements of this rule are not applicable at this time.

As discussed in Section I of this document, conditions that pertain to the removal of the VOC control system, and certain initial design and testing requirements of the VOC control systems (N-7478-1 and N-7478-2) have been removed.

The following table summarized the permit unit number, NSR condition in the current PTOs, NSR condition in the Title V permits, and the status of the condition.

Permit Units	Condition in Current PTO	Condition in Title V Permit	Status
N-7478-1	5, 15, 18, 23, 25, and 27	None	Removed
N-7478-2	5, 15, 18, 23, 25, and 27	None	Removed

3) District Rule 2520 – Federally Mandated Operating Permits

No changes to this Rule have occurred since issuance of the TV permit; however, greenhouse gas emissions will be addressed under Rule 2520 during this renewal.

Greenhouse Gas Discussion

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40 CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40 CFR 71.2). Therefore, there will be no further discussion of GHG in this evaluation.

4) District Rule 4701 – Internal Combustion Engines – Phase 1

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines.

The only emergency standby internal combustion engine (reference permit unit N-7478-4), in this facility is subject to the requirements of this rule, and it is also subject to the requirements of District Rule 4702, *Internal Combustion Engines*. Since emission limits and all other requirements of District Rule 4702 are equivalent or more stringent than District Rule 4701 requirements, compliance with District Rule 4702 requirements will satisfy requirements of District Rule 4701.

5) District Rule 4702 – Internal Combustion Engines

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), volatile organic compounds (VOC), and sulfur oxides (SO_x) from internal combustion engines.

The most current version of this rule (08/18/11) has not been approved into the SIP. However, the requirements for emergency standby internal

combustion engine from the SIP approved version to the latest non-SIP approved version of this rule have not been changed. Requirements are detailed below:

Section 4.2 states that except for the requirements of Sections 5.9 and 6.2.3, the requirements of this rule shall not apply to an emergency standby engine or a low-use engine, provided that the engine is operated with an operating nonresettable elapsed time meter.

Section 3.15 defines emergency standby engine is an internal combustion engine which operates as a temporary replacement for primary mechanical or electrical power during an unscheduled outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the operator. An engine shall be considered to be an emergency standby engine if it is used only for the following purposes:

- Periodic maintenance, periodic readiness testing, or readiness testing during and after repair work;
- Unscheduled outages, or to supply power while maintenance is performed or repairs are made to the primary power supply;
- If this is limited to operate 100 hours or less per calendar year for non-emergency purposes.

An engine shall not be considered to be an emergency standby engine if it is used:

- To reduce the demand for electrical power when normal electrical power line service has not failed, or
- To produce power for the utility electrical distribution system, or
- In conjunction with a voluntary utility demand reduction program or interruptible power contract.

Permit unit N-7478-4 is a 954 hp diesel-fired emergency standby internal combustion engine. Therefore, this permit unit is subject to requirements of Sections 5.9 and 6.2.3 of this rule.

Section 5.9 requires the operator of the compression-ignited engine shall comply with the requirements specified in Section 5.9.2 through Section 5.9.4 as follows:

- §5.9.2 – Properly operate and maintain each engine as recommended by the engine manufacturer or emission control system supplier.

- §5.9.3 – Monitor the operational characteristics of each engine as recommended by the engine manufacturer or emission control system supplier.
- §5.9.4 – Install and operate a nonresettable elapsed time meter.

Compliance with the requirements of these sections will be ensured with the listed permit conditions for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	5, 8 thru 12

Section 6.2.3 requires that an operator claiming an exemption under Section 4.2 shall maintain annual operating records. This information shall be retained for at least five years, shall be readily available, and provided to the APCO upon request. The records shall include, but are not limited to, the following:

- §6.2.3.1 – Total hours of operation.
- §6.2.3.2 – The type of fuel used.
- §6.2.3.3 – The purpose for operating the engine.
- §6.2.3.4 – For emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and
- §6.2.3.5 – Other support documentation necessary to demonstrate claim to the exemption.

Compliance with the requirements of these sections will be ensured with the listed permit conditions for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	13 and 14

6) District Rule 4695 – Brandy Aging and Wine Aging Operation

The purpose of this rule is to limit volatile organic compound (VOC) emissions from brandy aging and wine aging operations. This rule is applicable to brandy aging and wine aging operations.

Gallo is a brandy production facility and operates two brandy aging operations, under permit units N-7478-1 and N-748-2. Therefore, this facility is subject to the requirements of this rule.

Section 5.1 states that for a stationary source with a brandy or wine aging operation, operators shall implement record keeping according to Section 6.1, and shall implement each of the following Reasonable Available Control Technology (RACT) work practices:

- §5.1.1 – Prevent and minimize the unnecessary occurrence of brandy or wine exposure to the atmosphere.
- §5.1.2 – Prevent and minimize the occurrence of leaks and spills of brandy or wine.
- §5.1.3 – Implement immediate cleanup of leaks and spills of brandy or wine by rinsing the leaks or spills with water and washing the rinse into a proper drain.
- §5.1.4 – Implement corrective actions to prevent a reoccurrence of a similar brandy or wine leak or spill.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permits in the table below:

Permit Number	Permit Condition Number
N-7478-1-4 & -2-4	8

Section 5.3 states that for a stationary source with a brandy aging operation that equals or exceeds both the applicable inventory and emission thresholds listed in Table 1, the operator shall implement Best Available Retrofit Control Technology (BARCT) by complying with Section 5.1 and either Section 5.3.1 or 5.3.2

- §5.3.1 – Comply with all of the requirements of Section 5.5 through 5.7.
- §5.3.2 – Implement an alternate control measure that is demonstrated, using production data or the Test Methods of Section 6.2, to produce a brandy UAE of less than or equal to 0.3 proof gallons per 50 gallons, as calculated using the equation in Section 5.4, and as approved by the APCO.

Product Type	Total Annual Aging Inventory (gallons per year)	Uncontrolled Aging Emissions (pounds per year)
Brandy	40,000	8,000
Wine	590,000	16,000

This stationary source has two brandy aging operations that each exceeds both the applicable inventory and emission thresholds listed in Table 1 above.

Section 5.5 states that operators complying with Section 5.3.1 shall conduct all brandy aging operations in a warehouse that is certified and maintained as Permanent Total Enclosure (PTE) pursuant to EPA Method 204: Criteria for and Verification of a Permanent or Temporary Total Enclosure. The warehouse shall be certified as a PTE within 90 days of initial startup by a District-approved independent certifying entity (Air Resources Board

Independent Contractors Approved under the California Code of Regulations, Title 17, Section 91207)

- §5.5.1 – Warehouses shall continuously meet the criteria for Normal Operation except for periods when the Non-Personnel Access Doors are opened for personnel and equipment access as required for Operational and Maintenance Functions and/or when the VOC control device is shutdown for scheduled routine maintenance. The total annual cumulative duration for all operational or maintenance functions and/or shutdowns shall not exceed eight (8) percent of the time during which the operations occur or a maximum of 701 hours/year whichever is less. This period shall include periods of downtime required to perform scheduled routine maintenance. Scheduled maintenance shall not exceed three (3) percent of the total operating hours per year or 240 hours per year, whichever is less.
- §5.5.2 – A Maximum Allowable Negative Gauge Pressure at the Fan Inlet Pressure Control Point, adequate to ensure maintenance of a continuous negative gauge pressure in the warehouse as required to qualify the warehouse as a Permanent Total Enclosure pursuant to EPA Method 204, shall be demonstrated, established, and recorded at startup. The Fan Inlet Pressure Control Point shall continuously operate with a negative gauge pressure equal to or exceeding this value (more negative) except for periods when the non-personnel access doors are opened for equipment access for operational or maintenance functions.
- §5.5.3 – Each Personnel Access Door shall be equipped with an automatic closure device to minimize the time that the door is open. Personnel access doors shall be opened only as required for access to or exit from the enclosure, minimizing the duration of the opening, and shall not be propped open.
- §5.5.4 – Each Non-Personnel Access Door shall be equipped with a motor-actuated door and controls which will minimize the time the door remains open during access and exit and shall be integrated with the continuous monitoring system to record the time periods that the door is open.

Section 5.6 of this rule states that except for the periods of downtime required to perform scheduled routine maintenance, the warehouse's VOC emissions shall be continuously vented through a VOC emission control device that has been approved, in writing, by the APCO and which achieves a control efficiency of at least 98 percent, by weight, as determined pursuant to Section 6.2.3. Routine scheduled maintenance which requires shutdown of

the VOC emission control device shall not be performed during the months of July, August, or September.

Section 5.7 of this rule specifies the following monitoring requirements:

- §5.7.1 – The operator of any brandy aging operation shall have the operation equipped with a continuous, automatic, monitoring system which monitors the pressure at the Fan Inlet Pressure Control Point, monitors critical operation parameters of the control device, such as the combustion chamber temperature, and records the time of opening for all non-personnel access doors.
- §5.7.2 – Each month the operator shall demonstrate that operation of the warehouse with the Maximum Allowable Negative Gauge Pressure at the Fan Inlet Pressure Control Point is adequate to maintain the qualification of the warehouse as a PTE pursuant to EPA Method 204 by manually measuring and recording facial velocity at the largest Natural Draft Opening (NDO) on the warehouse and confirming a minimum facial velocity of 200 feet per minute. After 12 consecutive months of demonstrating the adequacy of the established Maximum Allowable Negative Gauge Pressure, the monitoring frequency can be reduced to once per calendar quarter.

This facility currently operates compliance with all of the requirements of Section 5.5 through 5.7. Compliance with the requirements of these sections will be ensured with the listed permit conditions for the associated permits in the table below:

Permit Number	Permit Condition Number
N-7478-1-4 & -2-4	13, 14, 15, 17, 18, 19, 21, 22, 25, 27, and 28

Section 6.1 of this rule specifies the following recordkeeping requirements:

- §6.1.1 – Daily and annual records of the hours of operation indicating time, duration, and reason of all periods of outage for a VOC control system, including maintenance. Records of annual cumulative hours of Normal Operation shall be maintained.
- §6.1.2 – All maintenance activities requiring a shutdown of a VOC control device, including the maintenance activity, time and date of shutdown of a VOC control device, and the duration of the shutdown.
- §6.1.3 – Records of throughput and the gallons lost while aging. Annual summaries of all filling and dumping operations shall be maintained to allow annual determination of total proof gallons and gallons lost from

each aging operation. All gauging shall be in accordance with the methods and procedures of the Gauging Manual of the Alcohol and Tobacco Tax and Trade Bureau, Department of the Treasury (27 CFR 30).

- §6.1.4 – All required monitoring of Section 5.7.
- §6.1.5 – All records shall be retained for a minimum of five years, and shall be made available for District, ARB, or EPA inspection, upon request.

Section 6.2 of this rule specifies the test methods that use to determine compliance with the provisions of this rule.

- §6.2.1 – Determination of PTE: EPA Method 204: Criteria for and Verification of a Permanent Total Enclosure as specified in 40 CFR 51, Appendix M.
- §6.2.2 – VOC emissions for source test purposes shall be determined using EPA Method 25 or Method 18 or BAAQMD ST-32, except when the outlet concentration must be below 50 ppmv in order to meet the standard, in which case EPA Method 25A may be used.
- §6.2.3 – Determination of Control Efficiency of VOC Emission Control Systems shall be made using the following methods:
 - §6.2.3.1 – The control efficiency of a VOC emission control system's VOC control device shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B, EPA Method 18, or BAAQMD ST-32, as applicable, for measuring total gaseous organic concentrations at the inlet and outlet of the control device.
 - §6.2.3.2 – Control Device Efficiency, in percent, is the ratio of the weight of VOC removed by the control device from the effluent stream entering the control device to the weight of VOC in the effluent stream entering the control device, both measured simultaneously, shall be calculated by the following equation:

$$\text{Control Device Efficiency (\%)} = [(W_c - W_a) \div W_c] \times 100$$

Where:

W_c = weight of VOC entering the control device

W_a = weight of VOC discharged from the control device

Compliance with the requirements of these sections will be ensured with the listed permit conditions for the associated permits in the table below:

Permit Number	Permit Condition Number
N-7478-1-4 & -2-4	37, 38, 39, 41, and 42

Section 6.3 of this rule specifies the requirements for compliance testing.

- §6.3.1 – Source testing shall be conducted using the methods and procedures specified in Section 6.2. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing.
- §6.3.2 – The results of each source test shall be submitted to the District within 60 days after the date the source testing is completed.
- §6.3.3 – Emission control systems shall be initially source tested for compliance with the applicable requirements of this rule no later than January 1, 2012, and not less than once every five (5) years, thereafter.
- §6.3.4 – VOC emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs.

Each RTO has been demonstrated compliance with the requirements of this rule, and each current permit has more stringent source testing requirements. The permit specifies the RTO shall be tested at least once every 12 months, and after demonstrating compliance on two consecutive annual compliance source tests, the unit shall be tested not less than once every thirty-six months. Therefore, this testing requirement will be retained on the permits.

Compliance with the requirements of this section will be ensured with the listed permit conditions for the associated permits in the table below:

Permit Number	Permit Condition Number
N-7478-1-4 and -2-4	33, 34, 35, and 36

7) **40 CFR Part 60 Subpart III – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

§60.4200(a)(2) states that this subpart is applicable to owners and operators of stationary compression ignited (CI) internal combustion engines (ICE) that commence construction after July 11, 2005, where the engines are:

- Manufactured after April 1, 2006, and are not fire pump engines, or
- Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

Permit unit N-7478-4 is a 2009 model year engine, and was installed after July 11, 2005. Therefore, this unit is subjected to the requirements of this subpart.

§60.4205(b)(2) states owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emissions standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

§60.4202(a)(2) states that for engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 for all pollutants beginning in model year 2007.

§89.112(a) specified exhaust emission from nonroad engines to which this subpart is applicable shall not exceed the applicable exhaust emission standards contained in Table 1 of this subpart.

The following table summarizes the emissions limits specified in Table 1 of this regulation for engine's power greater than 560 kW (750 hp), the emissions limits of this 2009 model year, 954 hp emergency standby engine, and the compliance status.

Pollutant	§89.112(a) Table 1 Emission Limit (g/bhp-hr)	954 hp Engine Emission Limit (g/bhp-hr)	Compliant ?
PM	0.15	0.067	Yes
NO _x + VOC	4.8	4.78	Yes
CO	2.6	0.67	Yes

Compliance with the requirements of this section will be ensured with the listed permit conditions for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	6 and 7

§60.4207(b) requires that owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must purchase diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel.

§80.510(b)(2) requires that all nonroad diesel fuel is subject to the following per-gallon standards.

- Sulfur content – 15 ppm maximum for nonroad diesel fuel
- Cetane index or aromatic content – a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.

The subject engine is limited to exclusively use of CARB Diesel Fuel, which has a sulfur content of 15 ppm or less and a maximum aromatic content of 20 percent by volume. Therefore, use of CARB Diesel Fuel satisfies the requirement of this subpart.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	4

§60.4211(a)(1) requires that the owner or operator must operate and maintain the stationary CI ICE and control device according to the manufacturer's emission-related written instructions.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	8

§60.4211(f) states that emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance check and readiness testing of such units is limited to 100 hours

per year. There is no time limit on the use of emergency stationary ICE in emergency situations.

However, 17 CCR Section 93115, Airborne Toxic Control Measure for Stationary Compression Ignition Engines limits the non-emergency situation, maintenance and testing purpose, of engine this size to 50 hours per year. See detailed discussion in Section VIII.9 of this document.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	10

8) 40 CFR Part 63 Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

§63.6585 states that this subpart is applicable to any stationary RICE at a major or area source of HAP emissions, except if the stationary engine is being tested at a stationary engine test cell/stand. A major source of HAP emissions is a facility that has the potential to emit any single HAP at a rate of 10 tons/year or greater or any combinations of HAPs at a rate of 25 tons/year or greater. An area source of HAP emissions is a facility is not a major source of HAP emissions.

This is a spirits and brandy production facility that is a Major Source of VOC, however, ethanol is not a HAP per Section 112(b) of the Clean Air Act (CAA), and therefore, this facility is not a major source of HAP emissions.

§63.6590(a)(2)(iii) states that a stationary RICE located at an area source of HAP emissions is new if the engine was constructed on or after June 12, 2006.

§63.6590(c)(1) states that a new or reconstructed stationary RICE located at an area source must meet the requirements of this part by meeting the requirements of 40 CFR Part 60 Subpart IIII. No further requirements apply for such engines under this part.

Permit unit N-7478-4 is a 954 hp diesel-fired emergency standby internal combustion engine, and was installed after June 12, 2006. As discussed in Section VIII.7 of this document, this engine currently operates compliance with the requirements of 40 CFR Part 60 Subpart IIII. Therefore, compliance with the requirements of this subpart is expected and no further discussion is required.

9) **17 CCR Section 93115 – Airborne Toxic Control Measure for Stationary Compression Ignition Engines**

The purpose of this airborne toxic control measure (ATCM) is to reduce diesel particulate matter (PM) emissions from stationary diesel-fueled compression ignition (CI) engines.

Permit unit N-7478-4 is a 954 hp diesel-fired emergency standby internal combustion engine. This engine was installed in 2010, which is considered a new engine per §93115.4(a)(50).

§93115.5(a) requires that as of January 1, 2006 an owner or operator of a new stationary diesel-fueled CI engine shall fuel the engine with CARB Diesel Fuel.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	4

§93115.6(a)(3) requires that as of January 1, 2005 an owner or operator of a new stationary emergency standby diesel-fueled CI engine that has a rated brake horsepower greater than 50, shall meet all the following applicable operating requirements and emissions standards, which is also summarized in Table 1 of this section.

- Meet the applicable emission standards for all pollutants for the same model year and maximum horsepower rating as specified in Table 1 Emission Standards for New Stationary Emergency Standby Diesel-Fueled CI Engines, in effect on the date of acquisition or submittal, as defined in section 93115.4, and
- After December 31, 2008, be certified to the new nonroad compression-ignition (CI) engine emission standards for all pollutants for 2007 and later model year engines as specified in 40 CFR, PART 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (2006); and
- Not operate more than 50 hours per year for maintenance and testing purposes, except as provided in section 93115.6(a)(3)(A)2. This subsection does not limit engine operation for emergency use and for emission testing to show compliance with section 93115.6(a)(3).

The following table summarizes the emissions limits specified in Table 1 of this regulation for engine's power greater than 750 hp, the emissions limits of the 2009, 954 hp emergency standby engine, and the compliance status.

Pollutant	§93115.6(a)(3) Table 1 Emission Limit (g/bhp-hr)	954 hp Engine Emission Limit (g/bhp-hr)	Compliant ?
PM	0.15	0.067	Yes
NO _x + VOC	4.8	4.78	Yes
CO	2.6	0.67	Yes

The non-emergency operation, maintenance, testing, and required regulatory purposes, of this engine are limited to not more than 50 hours.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	6 and 7

§93115.10(f)(1) requires that each owner or operator of an emergency standby diesel-fueled CI engine shall keep records and prepare a monthly summary that shall list and document the nature of use for each of the following:

- Emergency use hours of operation;
- Maintenance and testing hours of operation;
- Hours of operation for emission testing to show compliance with sections 93115.6(a)(3) and 93115.6(b)(3);
- Initial start-up testing hours;
- If applicable, hours of operation to comply with the requirements of NFPA 25;
- Hours of operation for all uses other than those specified in sections 93115.610(f)(1)(A) through (D) above; and
- If applicable, DRP engine hours of operation, and
- The fuel used – for engines operated exclusively on CARB Diesel Fuel, the owner or operator shall document the use of CARB Diesel Fuel through the retention of fuel purchase records indicating that the only fuel purchased for supply to an emergency standby engine was CARB Diesel Fuel

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	13

§93115.10(f)(2) requires that records shall be retained for a minimum of 36 months. Records for the prior 24 months shall be retained on-site, either at a central location or at the engine's location, or at an offsite central location within California, and shall be made immediately available to District staff upon request. Records for the prior 25 to 36 months shall be made available to District staff within 5 working days from request.

Compliance with the requirements of this section will be ensured with the listed permit condition for the associated permit in the table below:

Permit Number	Permit Condition Number
N-7478-4-2	14

10) 40 CFR Part 64 – Compliance Assurance Monitoring (CAM)

To be subject to CAM for a particular pollutant, an emissions unit must meet all of the following criteria:

- 1) The unit must have an emission limit for the pollutant.
- 2) The unit must have add-on controls for the pollutant. Catalytic oxidizers, dust collector, and flue gas recirculation (FGR) are examples of add-on controls.
- 3) The unit must have a pre-control potential to emit of greater than the major source thresholds.

N-7478-1 and N-7478-2 (Brandy Aging Operations)

These permit units do contain emission limits for VOC (the only pollutant which would be emitted from the units). Each of these permit units is equipped with an add-on control device, regenerative thermal oxidation (RTO) system, and the pre-control potential to emit of each permit unit is greater than the major source threshold of 20,000 pounds of VOC per year (equivalent to 10 tons per year). Therefore, each of these permit units is subject to CAM requirements.

However, pursuant to §64.2(b)(vi), if the emission unit has continuous emission monitors (CEMS) for the pollutants for which the facility is considered a Major Source, VOC in this case, CAM is not applicable and the equipment is exempt from CAM requirements. Each of these emission units has CEMS for VOC emissions. Therefore, these units are exempt from CAM requirements.

N-7478-3 (Distilled spirits storage tank)

This permit unit does contain an emission limit for VOC, but is not equipped with any add-on control device. Therefore, this unit is not subject to CAM requirements.

N-7478-4 (Diesel-fired emergency standby IC engine)

This permit unit has emission limits but is not equipped with any add-on control device. Therefore, this unit is not subject to CAM requirements.

N-7478-5 through N-7478-25 (Spirits and brandy storage tanks)

These spirits and brandy storage tanks do not contain emission limits for any pollutant. Therefore, these units are not subject to CAM requirements

IX. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

X. PERMIT CONDITIONS

See Attachment A - Renewed Title V Operating Permit

XI. ATTACHMENTS

- A. Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Facility List

ATTACHMENT A

Renewed Title V Operating Permit



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



Permit to Operate

FACILITY: N-7478

EXPIRATION DATE: 10/31/2014

LEGAL OWNER OR OPERATOR:

E & J GALLO WINERY - BRANDY

MAILING ADDRESS:

200 YOSEMITE BLVD
MODESTO, CA 95353

FACILITY LOCATION:

200 YOSEMITE AVE
MODESTO, CA 95353

FACILITY DESCRIPTION:

DISTILLED SPIRITS

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

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Executive Director / APCO

David Warner

Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: N-7478-0-1

EXPIRATION DATE: 10/31/2014

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1 and Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0 and Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: E & J GALLO WINERY - BRANDY
Location: 200 YOSEMITE AVE, MODESTO, CA 95353
N-7478-0-1; Feb 5 2013 8:06AM - SOV

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 2 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Stanislaus County Rules 110, 202, and 401. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Facility shall comply with all applicable requirements regarding preparation and implementation of a risk management plan (RMP) and shall abide by all applicable sections of 40 CFR Part 68. [40 CFR 68] Federally Enforceable Through Title V Permit
43. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 6 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
44. Facilities N-3386 and N-7478 are part of the same stationary source for Rule 2201 purposes. [District Rule 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-1-4

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

161,505 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES J & K) SERVED BY A PERMANENT TOTAL ENCLOSURE AND A 3.0 MMBTU/HR ANGUIL ENVIRONMENTAL SYSTEMS MODEL 100 REGENERATIVE THERMAL OXIDIZER (RTO)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. All brandy aging operations at this facility shall only be performed in the warehouses listed in permit units N-7478-1 or N-7478-2. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Only natural gas shall be used as fuel for the combustion of VOC. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The brandy storage enclosure and regenerative thermal oxidation (RTO) system shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The VOC control system shall remain in operation at all times except for periods of routine maintenance which require shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The facility shall notify the District of any occurrence which constitutes a breakdown condition of the VOC control system pursuant to District Rule 1100. [District Rules 1100 and 2201] Federally Enforceable Through Title V Permit
8. The operator shall implement each of the following Reasonable Available Control Technology (RACT) work practices: 1) prevent and minimize the unnecessary occurrence of brandy exposure to the atmosphere, 2) prevent and minimize the occurrence of leaks and spills of brandy, 3) implement immediate clean up of leaks and spills of brandy by rinsing the leaks or spills with water and washing the rinse into a proper drain, and 4) implement corrective actions to prevent a reoccurrence of a similar brandy leak or spill. [District Rule 4695] Federally Enforceable Through Title V Permit
9. Personnel access doors are defined as doors with a maximum opening of 21 square feet, intended solely for occasional personnel access to the warehouse for maintenance or monitoring activities. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
10. Non-personnel access doors are defined as openings equipped with roll-up doors which are required to allow routine movement of brandy into and out of the warehouse or for warehouse access with wheeled and motorized maintenance equipment. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
11. All openings in the warehouse enclosure which may be opened during "normal operation" of the VOC control system and which do not qualify as personnel access doors or non-personnel access doors shall be considered to be Natural Draft Openings (NDO) for purposes of certification of the enclosure as a Permanent Total Enclosure pursuant to U.S. EPA Method 204. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. "Normal operation" is defined as operation with the storage enclosure meeting the minimum requirements for a permanent total enclosure pursuant to EPA Method 204 (with the fan inlet pressure operating with a vacuum at or higher than the minimum allowed vacuum, all non-personnel access doors closed and the emergency ventilation system turned off) and the RTO system fully operational with the combustion chamber temperature at or above 1500 degrees Fahrenheit. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
13. The facility shall be equipped with a continuous monitoring system to monitor, at a minimum, the status of the fan inlet pressure control, all non-personnel access doors, the emergency vent system, and the combustion chamber temperature. Actual hours of "normal operation" shall be continuously and automatically monitored and recorded for each warehouse building enclosure. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
14. Warehouses J and K shall be certified and maintained as a Permanent Total Enclosure (PTE) pursuant to U.S. EPA Method 204. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
15. Certification of warehouses J and K as Permanent Total Enclosures shall be performed by a District-approved independent certifying entity (Air Resources Board Independent Contractors Approved under the California Code of Regulations, Title 17, Section 91207). [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
16. Warehouses J and K shall be re-certified as a Permanent Total Enclosure pursuant to U. S. EPA Method 204 and the certification submitted to the District within 60 days after any modification that materially affects the enclosure status of the warehouses. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Warehouses J and K shall continuously meet the criteria for "normal operation" except for periods when the non-personnel access doors are opened for personnel and equipment access as required for operational and maintenance functions and/or when the RTO is shutdown for scheduled routine maintenance. The total annual cumulative duration, calculated on a 12 month rolling basis, for all operational or maintenance functions and/or shutdowns shall not exceed eight (8) percent of the time during which the operations occur or a maximum of 701 hours per 12 month rolling period which ever is less. This period shall include periods of downtime required to perform scheduled routine maintenance. Scheduled maintenance shall not exceed three (3) percent of the total operating hours per 12 month rolling period or 240 hours per 12 month rolling period, which ever is less. [District Rule 4695] Federally Enforceable Through Title V Permit
18. Each personnel access door shall be equipped with an automatic closure device to minimize the time that the door is open. Personnel access doors shall be opened only as required for access to or exit from the enclosure, minimizing the duration of the opening, and shall not be propped open. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
19. Each non-personnel access opening shall be equipped with a motor-actuated door and controls which will minimize the time the door remains open during access and exit and shall be integrated with the continuous monitoring system to record the time periods that the door is open. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit
20. The emergency ventilation system serving the brandy storage enclosure shall be equipped with a continuous device integrated with the facility continuous monitoring system which continuously records the time periods during which the system is activated. [District Rules 1080 and 2201] Federally Enforceable Through Title V Permit
21. The fan inlet pressure control point shall be equipped with a continuous pressure monitor integrated with the facility's continuous monitoring system to continuously record the actual fan inlet vacuum. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

22. Each month the facility shall demonstrate that control of the induced draft (ID) fan inlet pressure at or above the established minimum allowable vacuum is adequate to maintain the enclosure qualification as a Permanent Total Enclosure pursuant to EPA Method 204 by manually measuring and recording facial velocity at the test port opening on each warehouse and confirming a minimum facial velocity of 200 feet per minute. If a velocity less than 200 feet per minute is determined, operating adjustments shall be made as required to increase the measured facial velocity to 200 feet per minute within 24 hours of the initial measurement. If the permittee is unable to demonstrate a minimum facial velocity of 200 feet per minute within 48 hours after initial measurement, permittee shall notify the APCO within 72 hours of the initial measurement. After 12 consecutive months of demonstrating the adequacy of the established minimum allowable vacuum, the monitoring frequency can be reduced to once per quarter per warehouse. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
23. Except for emergency conditions, the emergency roof fans shall remain off and the associated air admission dampers shall remain closed. [District Rule 2201] Federally Enforceable Through Title V Permit
24. An "emergency condition", as required to justify operation of the emergency roof fans, is defined as any time during which the atmosphere inside the warehouse exceeds 25% of the Lower Explosive Limit (LEL) or whenever immediate venting is required to protect personnel or the facility from imminent harm. [District Rule 2201] Federally Enforceable Through Title V Permit
25. The RTO shall be equipped with an operational temperature gauge to indicate the temperature of the combustion chamber. A continuously recording device integrated with the facility's continuous monitoring system shall be utilized to indicate the combustion chamber temperature during operation. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit
26. The RTO shall operate with a combustion chamber temperature of not less than 1500 Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
27. The VOC destruction efficiency of the RTO shall not be less than 98%. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
28. Routine scheduled maintenance which requires shutdown of the RTO shall not be performed during the months of July, August, or September without prior written approval of the District. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
29. The maximum evaporative emissions from brandy, calculated on a 12 month rolling basis, shall not exceed 89,556 pounds VOC per year. [District Rule 2201] Federally Enforceable Through Title V Permit
30. For any year, a 12 month rolling period, total evaporative brandy VOC emissions emitted to the atmosphere shall be quantified by the following formula: Total Evaporative Brandy VOC Emissions (tons/year) = Uncontrolled Emissions (tons/year) x Control Factor. Uncontrolled Emissions = the average warehouse inventory for the year (bbls) x the measured brandy loss per barrel for the year (PG/bbl-year) x 3.31 lb-VOC/PG. The Control Factor for the year = $(8,760 - 0.98 \times H) / 8,760$, where H is hours of "normal operation" (as defined in this permit) recorded for the year. [District Rule 2201] Federally Enforceable Through Title V Permit
31. VOC emissions from the exhaust of the RTO shall not exceed 73.2 pounds per day during "normal operation". [District Rule 2201] Federally Enforceable Through Title V Permit
32. The emissions from the combustion of natural gas shall not exceed any of the following limits: 0.1 lb-NO_x/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.0055 lb-VOC/MMBtu, or 0.00285 lb-SO_x/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
33. Source testing shall be conducted using the methods and procedures specified in Section 6.2 of Rule 4695. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit
34. The results of each source test shall be submitted to the District within 60 days after the date the source testing is completed. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

35. This unit shall be tested for compliance with VOC emissions limits at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
36. VOC emissions for source test purposes shall be determined using US EPA Method 25 or Method 18 or BAAQMD ST-32, except when the outlet concentration must be below 50 ppmv in order to meet the standard, in which case US EPA Method 25a may be used. VOC emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit
37. Daily and annual (a 12 month rolling period) records of the hours of operation shall be kept, indicating the time and duration of all periods of outage for the VOC control system including maintenance or emergency operations. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
38. Records shall be kept of all maintenance activities requiring a shutdown of the RTO, including the maintenance activity, time and date of shutdown of the RTO, and the duration of the shutdown. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
39. Records of all required monitoring shall be maintained. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
40. Daily and annual (a 12 month rolling period) records of the number of barrels in each warehouse shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
41. Records of all barrel filling and dumping operations shall be kept, recording the proof gallons placed into storage, the proof gallons removed from storage, the proof gallons lost while in storage and the date of each action. Annual summaries, calculated on a 12 month rolling basis, of all filling and dumping operations shall be maintained to allow annual determination of total proof-gallons lost from the brandy aging and storage operations. All gauging of distilled spirits shall be in accordance with the methods and procedures of the Gauging Manual of the Alcohol and Tobacco Tax and Trade Bureau, Department of the Treasury (27 CFR 30). [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
42. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-2-4

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

222,302 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES D-1, D-2, F, & G) SERVED BY A 4.0 MMBTU/HR ANGUIL ENVIRONMENTAL SYSTEMS MODEL 150 REGENERATIVE THERMAL OXIDIZER (RTO)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. All brandy storage and aging operations at this facility shall only be performed in the warehouses listed in permit units N-7478-1 or N-7478-2. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Only natural gas shall be used as fuel for the combustion of VOC. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The brandy storage enclosures and regenerative thermal oxidation (RTO) system shall be maintained in proper operating condition at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The VOC control system shall remain in operation at all times except for periods of routine maintenance which require shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The facility shall notify the District of any occurrence which constitutes a breakdown condition of the VOC control system pursuant to District Rule 1100. [District Rules 1100 and 2201] Federally Enforceable Through Title V Permit
8. The operator shall implement each of the following Reasonable Available Control Technology (RACT) work practices: 1) prevent and minimize the unnecessary occurrence of brandy exposure to the atmosphere, 2) prevent and minimize the occurrence of leaks and spills of brandy, 3) implement immediate clean up of leaks and spills of brandy by rinsing the leaks or spills with water and washing the rinse into a proper drain, and 4) implement corrective actions to prevent a reoccurrence of a similar brandy leak or spill. [District Rule 4695] Federally Enforceable Through Title V Permit
9. Personnel access doors are defined as doors with a maximum opening of 21 square feet, intended solely for occasional personnel access to the warehouse for maintenance or monitoring activities. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
10. Non-personnel access doors are defined as openings equipped with roll-up doors which are required to allow routine movement of brandy into and out of the warehouse or for warehouse access with wheeled and motorized maintenance equipment. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
11. All openings in the warehouse enclosure which may be opened during "normal operation" of the VOC control system and which do not qualify as personnel access doors or non-personnel access doors shall be considered to be Natural Draft Openings (NDO) for purposes of certification of the enclosure as a Permanent Total Enclosure pursuant to U.S. EPA Method 204. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. "Normal operation" is defined for each warehouse building enclosure as operation with the enclosure meeting the minimum requirements for a permanent total enclosure pursuant to EPA Method 204 (with the fan inlet pressure operating with a vacuum at or higher than the minimum allowed vacuum, all non-personnel access doors closed and the emergency ventilation system turned off) and the RTO system fully operational with the combustion chamber temperature at or above 1500 degrees Fahrenheit. [District Rules 201 and 4695] Federally Enforceable Through Title V Permit
13. The facility shall be equipped with a continuous monitoring system to monitor, at a minimum, the status of the fan inlet pressure control, all non-manway access doors, the emergency vent system, and the combustion chamber temperature. Actual hours of "normal operation" shall be continuously and automatically monitored and recorded for each warehouse building enclosure. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
14. Warehouses D-1, D-2, F and G shall be certified and maintained as Permanent Total Enclosures (PTE) pursuant to U.S. EPA Method 204. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
15. Certification of warehouse buildings D-1, D-2, F and G as Permanent Total Enclosures shall be performed by a District-approved independent certifying entity. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
16. Warehouse buildings D-1, D-2, F and G shall be re-certified as Permanent Total Enclosures pursuant to U. S. EPA Method 204 and the certification submitted to the District within 60 days after any modification that materially affects the enclosure status of the warehouses. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Warehouses buildings D-1, D-2, F and G shall continuously meet the criteria for "normal operation" except for periods when the non-personnel access doors are opened for personnel and equipment access as required for operational and maintenance functions and/or when the RTO is shutdown for scheduled routine maintenance. The total annual cumulative duration, calculated on a 12 month rolling basis, for all operational or maintenance functions and/or shutdowns shall not exceed eight (8) percent of the time during which the operations occur or a maximum of 701 hours per 12 month rolling period which ever is less. This period shall include periods of downtime required to perform scheduled routine maintenance. Scheduled maintenance shall not exceed three (3) percent of the total operating hours per 12 month rolling period or 240 hours per 12 month rolling period, which ever is less. [District Rule 4695] Federally Enforceable Through Title V Permit
18. Each personnel access door shall be equipped with an automatic closure device to minimize the time that the door is open. Personnel access doors shall be opened only as required for access to or exit from the enclosure, minimizing the duration of the opening, and shall not be propped open. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
19. Each non-personnel access opening shall be equipped with a motor-actuated door and controls which will minimize the time the door remains open during access and exit and shall be integrated with the continuous monitoring system to record the time periods that the door is open. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit
20. The emergency ventilation system serving each warehouse building enclosure shall be equipped with a continuous device integrated with the facility's continuous monitoring system which continuously records the time periods during which the system is activated. [District Rules 1080 and 2201] Federally Enforceable Through Title V Permit
21. The fan inlet pressure control point shall be equipped with a continuous pressure monitor integrated with the facility's continuous monitoring system to continuously record the actual fan inlet vacuum. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

22. Each month the facility shall demonstrate that control of the induced draft (ID) fan inlet pressure at or above the established minimum allowable vacuum is adequate to simultaneously maintain the qualification of all enclosures (buildings D-1, D-2, F, and G) as Permanent Total Enclosures pursuant to EPA Method 204 by manually measuring and recording facial velocity at the test port opening on each warehouse building enclosure and confirming a minimum facial velocity of 200 feet per minute at each port. If a velocity less than 200 feet per minute is determined, operating adjustments shall be made as required to increase the measured facial velocity to 200 feet per minute within 24 hours of the initial measurement. If the permittee is unable to demonstrate a minimum facial velocity of 200 feet per minute within 48 hours after initial measurement, permittee shall notify the APCO within 72 hours of the initial measurement. After 12 consecutive months of demonstrating the adequacy of the established minimum allowable vacuum, the monitoring frequency can be reduced to once per quarter per warehouse building enclosure. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
23. Except for emergency conditions, the emergency roof fans shall remain off and the associated air admission dampers shall remain closed. [District Rule 2201] Federally Enforceable Through Title V Permit
24. An "emergency condition", as required to justify operation of the emergency roof fans, is defined as any time during which the atmosphere inside the warehouse exceeds 25% of the Lower Explosive Limit (LEL) or whenever immediate venting is required to protect personnel or the facility from imminent harm. [District Rule 2201] Federally Enforceable Through Title V Permit
25. The RTO shall be equipped with an operational temperature gauge to indicate the temperature of the combustion chamber. A continuously recording device integrated with the facility's continuous monitoring system shall be utilized to indicate the combustion chamber temperature during operation. [District Rules 1080, 2201, and 4695] Federally Enforceable Through Title V Permit
26. The RTO shall operate with a combustion chamber temperature of not less than 1500 Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
27. The VOC destruction efficiency of the RTO shall not be less than 98%. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
28. Routine scheduled maintenance which requires shutdown of the RTO shall not be performed during the months of July, August, or September without prior written approval of the District. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
29. The maximum evaporative emissions from brandy, calculated on a 12 month rolling basis, shall not exceed 123,271 pounds VOC per year. [District Rule 2201] Federally Enforceable Through Title V Permit
30. For any year, a 12 month rolling period, total evaporative brandy VOC emissions shall be quantified by the sum of the evaporative brandy VOC emissions emitted to the atmosphere from each warehouse building enclosure. Evaporative losses from each warehouse building enclosure shall be calculated by the following formula: Evaporative Brandy VOC Emissions (tons/year-enclosure) = Uncontrolled Emissions (tons/year-enclosure) x Control Factor. Uncontrolled Emissions = the average enclosure inventory for the calendar year (bbls/enclosure) x the measured brandy loss per barrel for the calendar year in the enclosure (PG/bbl-year) x 3.31 lb-VOC/PG. The Control Factor for the calendar year = $(8,760 - 0.98 \times H) / 8,760$, where H is hours of "normal operation" for the enclosure (as defined in this permit) recorded for the calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
31. VOC emissions from the exhaust of the RTO shall not exceed 100.7 pounds per day during "normal operation". [District Rule 2201] Federally Enforceable Through Title V Permit
32. The emissions from the combustion of natural gas shall not exceed any of the following limits: 0.1 lb-NO_x/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.0055 lb-VOC/MMBtu, or 0.00285 lb-SO_x/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
33. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit
34. The results of each source test shall be submitted to the District within 60 days after the date the source testing is completed. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

35. This unit shall be tested for compliance with VOC emissions limits at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
36. VOC emissions for source test purposes shall be determined using US EPA Method 25 or Method 18 or BAAQMD ST-32, except when the outlet concentration must be below 50 ppmv in order to meet the standard, in which case US EPA Method 25a may be used. VOC emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 1081 and 4695] Federally Enforceable Through Title V Permit
37. Daily and annual (a 12 month rolling period) records of the hours of operation shall be kept, indicating the time and duration of all periods of outage for the VOC control system including maintenance or emergency operations. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
38. Records shall be kept of all maintenance activities requiring a shutdown of the RTO, including the maintenance activity, time and date of shutdown of the RTO, and the duration of the shutdown. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
39. Records of all required monitoring shall be maintained. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
40. Daily and annual (a 12 month rolling period) records of the number of barrels in each warehouse building enclosure shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
41. Records of all barrel filling and dumping operations shall be kept, recording the proof gallons placed into storage, the proof gallons removed from storage, the proof gallons lost while in storage and the date of each action. Annual summaries, calculated on a 12 month rolling basis, of all filling and dumping operations shall be maintained to allow annual determination of total proof-gallons lost from each warehouse building enclosure. All gauging of distilled spirits shall be in accordance with the methods and procedures of the Gauging Manual of the Alcohol and Tobacco Tax and Trade Bureau, Department of the Treasury (27 CFR 30). [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit
42. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 2201 and 4695] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-3-2

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

350,000 GALLON INSULATED STAINLESS STEEL ENCLOSED TOP DISTILLED SPIRITS STORAGE TANK #352 WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve shall be operated in accordance with the manufacturer's instructions. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The daily distilled spirits storage throughput of this tank shall not exceed 200,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum ethanol concentration of the distilled spirits stored in this tank shall not exceed 60 percent of volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum distilled spirits throughput in this tank, calculated on a 12 month rolling basis, shall not exceed 6,000,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The permittee shall maintained the following records: a) the maximum ethanol concentration in volume percent of the distilled spirits stored, b) the daily throughout, and c) the calculated 12 month rolling distilled spirits throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 and 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-4-2

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

954 HP DOOSAN INFRACORE MODEL P222FE TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 220, 14801, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed any of the following limits: 4.48 g-NOx/bhp-hr, 0.67 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed 0.067 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII]
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
11. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: N-7478-5-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

4,838 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #6)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-6-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

6,666 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #7)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-7-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

10,373 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #11)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-8-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

25,232 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #12)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-9-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #16)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-10-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #17)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- i. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-11-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,805 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #51)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-12-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,721 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #52)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-13-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,414 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #53)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: N-7478-14-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,012 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #101)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: N-7478-15-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,258 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #102)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-16-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,775 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #103)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-17-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,589 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #104)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-18-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,101 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #105)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-19-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,799 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #107)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-20-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,104 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #108)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-21-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,663 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #109)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: N-7478-22-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,806 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #110)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: N-7478-23-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,226 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #111)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-24-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,348 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #112)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-25-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

339,116 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #351)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

- I. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 410]

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT B

Previous Title V Operating Permit



Permit to Operate

FACILITY: N-7478

EXPIRATION DATE: 10/31/2014

LEGAL OWNER OR OPERATOR: E & J GALLO WINERY - BRANDY
MAILING ADDRESS: 200 YOSEMITE BLVD
MODESTO, CA 95353

FACILITY LOCATION: 200 YOSEMITE AVE
MODESTO, CA 95353

FACILITY DESCRIPTION: DISTILLED SPIRITS

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: N-7478-0-0

EXPIRATION DATE: 10/31/2014

FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1 and Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
3. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0 and Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
4. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
5. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
7. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
8. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
9. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
10. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: E & J GALLO WINERY - BRANDY
Location: 200 YOSEMITE AVE, MODESTO, CA 95353
N-7478-0-0 Dec 17 2012 3:16PM - SCW

11. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
12. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
13. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
14. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
15. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
16. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
17. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
18. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
22. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
23. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (11/15/01). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101 and Stanislaus County Rule 401] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

24. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (10/31/01) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
25. All VOC-containing materials for architectural coatings subject to Rule 4601 (10/31/01) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
26. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (10/31/01). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
27. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
28. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
30. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
31. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
32. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
33. Whenever open areas are disturbed or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
34. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
36. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

37. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
38. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
39. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
40. Facility shall comply with all applicable requirements regarding preparation and implementation of a risk management plan (RMP) and shall abide by all applicable sections of 40 CFR Part 68. [40 CFR 68] Federally Enforceable Through Title V Permit
41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 6 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
42. Facilities N-3386 and N-7478 are part of the same stationary source for Rule 2201 purposes. [District NSR Rule] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-1-2

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

161,505 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES J & K) SERVED BY A PERMANENT TOTAL ENCLOSURE AND AN ANGUIL ENVIRONMENTAL SYSTEMS MODEL 100 REGENERATIVE THERMAL OXIDATION (RTO) SYSTEM FOR VOC EMISSION CONTROL

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. All brandy aging operations at this facility shall only be performed in the warehouses listed in permit units N-7478-1 or N-7478-2. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Within 36 months after initial startup of the VOC control system, this facility may elect to discontinue use of the VOC control system by giving written notice to the District. Such notice shall be given no less than 30 days prior to the planned discontinuance of operation of the system. Upon such notice, the District will administratively revise the permit conditions as noted to allow operation without a VOC control device. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Only natural gas shall be used as fuel for the combustion of VOC. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The brandy storage enclosure and regenerative thermal oxidation system shall be maintained in proper operating condition at all times. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The VOC control system shall remain in operation at all times except for periods of routine maintenance which require shutdown. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The facility shall notify the District of any occurrence which constitutes a breakdown condition of the VOC control system pursuant to District Rule 1100. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1100] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. Manway access doors are defined as doors with a maximum opening of 21 square feet, intended solely for occasional personnel access to the warehouse for maintenance or monitoring activities. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Non-manway access doors are defined as openings equipped with roll-up doors which are required to allow routine movement of brandy into and out of the warehouse or for warehouse access with wheeled and motorized maintenance equipment. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
12. All openings in the warehouse enclosure which may be opened during "normal operation" of the VOC control system and which do not qualify as manway access doors or non-manway access doors shall be considered to be Natural Draft Openings (NDO) for purposes of certification of the enclosure as a Permanent Total Enclosure pursuant to U.S. EPA Method 204. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
13. "Normal operation" is defined as operation with the storage enclosure meeting the minimum requirements for a permanent total enclosure pursuant to EPA Method 204 (with the fan inlet pressure operating with a vacuum at or higher than the minimum allowed vacuum, all non-manway access doors closed and the emergency ventilation system turned off) and the regenerative thermal oxidizer system fully operational with the combustion chamber temperature at or above 1500 degrees F. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
14. The facility shall be equipped with a continuous monitoring system to monitor, at a minimum, the status of the fan inlet pressure control, all non-manway access doors, the emergency vent system, and the combustion chamber temperature. Actual hours of "normal operation" shall be continuously and automatically monitored and recorded. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
15. The proposed design and details of the continuous monitoring system shall be submitted for District approval prior to start of construction. [District Rule 1080] Federally Enforceable Through Title V Permit
16. Warehouses J and K shall be certified and maintained as a Permanent Total Enclosure (PTE) pursuant to U.S. EPA Method 204. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Certification of warehouses J and K as Permanent Total Enclosures shall be performed by a District-approved independent certifying entity. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Certification of warehouses J and K as a Permanent Total Enclosure pursuant to U. S. EPA Method 204 shall be conducted concurrently with the initial source testing (within 90 days of initial startup) and the associated test report shall be submitted to the District within 60 days thereafter. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Warehouses J and K shall be re-certified as a Permanent Total Enclosure pursuant to U. S. EPA Method 204 and the certification submitted to the District within 60 days after any modification that materially affects the enclosure status of the warehouses. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

20. Each manway access door shall be equipped with an automatic closure device to minimize the time that the door is open. Manway access doors shall be opened only as required for access to or exit from the enclosure, minimizing the duration of the opening, and shall not be propped open. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Each non-manway access opening shall be equipped with a motor-actuated door and controls which will minimize the time the door remains open during access and exit and shall be integrated with the continuous monitoring system to record the time periods that the door is open. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and Rule 1080] Federally Enforceable Through Title V Permit
22. The emergency ventilation system serving the brandy storage enclosure shall be equipped with a continuous device integrated with the facility continuous monitoring system which continuously records the time periods during which the system is activated. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and Rule 1080] Federally Enforceable Through Title V Permit
23. A minimum allowable vacuum at the fan inlet pressure control point, adequate to ensure maintenance of a continuous negative pressure on the brandy storage enclosure as required to qualify the enclosure as a Permanent Total Enclosure pursuant to EPA Method 204, shall be demonstrated, established, and recorded at startup. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and Rule 1080] Federally Enforceable Through Title V Permit
24. The fan inlet pressure control point shall be equipped with a continuous pressure monitor integrated with the facility's continuous monitoring system to continuously record the actual fan inlet vacuum. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and Rule 1080] Federally Enforceable Through Title V Permit
25. The measured vacuum at the fan inlet pressure control point shall not be less than the established minimum allowable vacuum during "normal operation". This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Each month it shall be demonstrated that control of the ID fan inlet pressure at or above the established minimum allowable vacuum is adequate to maintain the enclosure qualification as a Permanent Total Enclosure pursuant to EPA Method 204 by manually measuring and recording facial velocity at the test port opening on each warehouse and confirming a minimum facial velocity of 200 feet per minute. If a velocity less than 200 feet per minute is determined, operating adjustments shall be made as required to increase the measured facial velocity to 200 feet per minute within 24 hours of the initial measurement. If the permittee is unable to demonstrate a minimum facial velocity of 200 feet per minute within 48 hours after initial measurement, permittee shall notify the APCO within 72 hours of the initial measurement. After 12 consecutive months of demonstrating the adequacy of the established minimum allowable vacuum, the monitoring frequency can be reduced to once per quarter per warehouse. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
27. The induced draft fan and RTO serving the enclosure shall be adequately sized to maintain "normal operation" during periods of maximum brandy loss from the storage and aging operation. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

28. Except for emergency conditions, the emergency roof fans shall remain off and the associated air admission dampers shall remain closed. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
29. An "emergency condition", as required to justify operation of the emergency roof fans, is defined as any time during which the atmosphere inside the warehouse exceeds 25% of the Lower Explosive Limit (LEL) or whenever immediate venting is required to protect personnel or the facility from imminent harm. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
30. The regenerative thermal oxidizer shall be equipped with an operational temperature gauge to indicate the temperature of the combustion chamber. A continuously recording device integrated with the facility's continuous monitoring system shall be utilized to indicate the combustion chamber temperature during operation. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and Rule 1080] Federally Enforceable Through Title V Permit
31. The regenerative thermal oxidizer shall operate with a combustion chamber temperature of not less than 1500 F. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
32. The VOC destruction efficiency of the regenerative thermal oxidizer shall not be less than 98%. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
33. Routine scheduled maintenance which requires shutdown of the regenerative thermal oxidizer shall not be performed during the months of July, August, or September without prior written approval of the District. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
34. Annual evaporative emissions from brandy shall not exceed 89,556 lb-VOC/year. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
35. For any calendar year, total evaporative brandy VOC emissions emitted to the atmosphere shall be quantified by the following formula: Total Evaporative Brandy VOC Emissions (tons/year) = Uncontrolled Emissions (tons/year) x Control Factor. Uncontrolled Emissions = the average warehouse inventory for the calendar year (bbls) x the measured brandy loss per barrel for the calendar year (PG/bbl-year) x 3.31 lb-VOC/PG. The Control Factor for the calendar year = $(8,760 - 0.98 \times H) / 8,760$, where H is hours of "normal operation" (as defined in this permit) recorded for the calendar year. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
36. VOC emissions from the exhaust of the regenerative thermal oxidizer shall not exceed 73.2 lb/day during "normal operation". This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

37. The emissions from the combustion of natural gas shall not exceed any of the following limits: 0.1 lb-NO_x/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.0055 lb-VOC/MMBtu, or 0.00285 lb-SO_x/MMBtu. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
38. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
39. The results of each source test shall be submitted to the District within 60 days thereafter. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
40. This unit shall be tested for compliance with VOC emissions limits at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
41. VOC emissions for source test purposes shall be determined using US EPA Method 25 or Method 18 or BAAQMD ST-32, except when the outlet concentration must be below 50 ppmv in order to meet the standard, in which case US EPA Method 25a may be used. VOC emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
42. Daily and annual records of the hours of operation shall be kept, indicating the time and duration of all periods of outage for the VOC control system including maintenance or emergency operations. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
43. Records shall be kept of all maintenance activities requiring a shutdown of the regenerative thermal oxidizer, including the maintenance activity, time and date of shutdown of the regenerative thermal oxidizer, and the duration of the shutdown. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
44. Records of all required monitoring shall be maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
45. Daily and annual records of the number of barrels in each warehouse shall be kept. [District NSR Rule] Federally Enforceable Through Title V Permit
46. Records of all barrel filling and dumping operations shall be kept, recording the proof gallons placed into storage, the proof gallons removed from storage, the proof gallons lost while in storage and the date of each action. Annual summaries of all filling and dumping operations shall be maintained to allow annual determination of total proof-gallons lost from the brandy aging and storage operations. All gauging of distilled spirits shall be in accordance with the methods and procedures of the Gauging Manual of the Alcohol and Tobacco Tax and Trade Bureau, Department of the Treasury (27 CFR 30). [District NSR Rule] Federally Enforceable Through Title V Permit
47. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

48. Facilities N-3386 and N-7478 are the same stationary source. [District NSR Rule] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-2-2

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

222,302 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES D-1, D-2, F,& G) SERVED BY A 4.0 MMBTU/HR ANGUIL ENVIRONMENTAL SYSTEMS MODEL 150 REGENERATIVE THERMAL OXIDIZER (RTO)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. All brandy storage and aging operations at this facility shall only be performed in the warehouses listed in permit units N-7478-1 or N-7478-2. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Within 36 months after initial startup of the VOC control system, this facility may elect to discontinue use of the VOC control system by giving written notice to the District. Such notice shall be given no less than 30 days prior to the planned discontinuance of operation of the system. Upon such notice, the District will administratively revise the permit conditions as noted to allow operation without a VOC control device. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Only natural gas shall be used as fuel for the combustion of VOC. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The brandy storage enclosures and regenerative thermal oxidation system shall be maintained in proper operating condition at all times. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The VOC control system shall remain in operation at all times except for periods of routine maintenance which require shutdown. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The facility shall notify the District of any occurrence which constitutes a breakdown condition of the VOC control system pursuant to District Rule 1100. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1100] Federally Enforceable Through Title V Permit
10. Manway access doors are defined as doors with a maximum opening of 21 square feet, intended solely for occasional personnel access to the warehouse for maintenance or monitoring activities. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Non-manway access doors are defined as openings equipped with roll-up doors which are required to allow routine movement of brandy into and out of the warehouse or for warehouse access with wheeled and motorized maintenance equipment. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
12. All openings in the warehouse enclosures which may be opened during "normal operation" of the VOC control system and which do not qualify as manway access doors or non-manway access doors shall be considered to be Natural Draft Openings (NDO) for purposes of certification of the enclosure as a Permanent Total Enclosure pursuant to U.S. EPA Method 204. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
13. "Normal operation" is defined for each warehouse building enclosure as operation with the enclosure meeting the minimum requirements for a permanent total enclosure pursuant to EPA Method 204 (with the fan inlet pressure operating with a vacuum at or higher than the minimum allowed vacuum, all non-manway access doors closed and the emergency ventilation system turned off) and the regenerative thermal oxidizer system fully operational with the combustion chamber temperature at or above 1500 degrees F. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
14. The facility shall be equipped with a continuous monitoring system to monitor, at a minimum, the status of the fan inlet pressure control, all non-manway access doors, the emergency vent system, and the combustion chamber temperature. Actual hours of "normal operation" shall be continuously and automatically monitored and recorded for each warehouse building enclosure. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
15. The proposed design and details of the continuous monitoring system shall be submitted for District approval prior to start of construction. [District Rule 1080] Federally Enforceable Through Title V Permit
16. Warehouses D-1, D-2, F and G shall be certified and maintained as Permanent Total Enclosures (PTE) pursuant to U.S. EPA Method 204. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Certification of warehouse buildings D-1, D-2, F and G as Permanent Total Enclosures shall be performed by a District-approved independent certifying entity. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Certification of warehouse buildings D-1, D-2, F and G as Permanent Total Enclosures pursuant to U. S. EPA Method 204 shall be conducted concurrently with the initial source testing (within 90 days of initial startup) and the associated test report shall be submitted to the District within 60 days thereafter. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Warehouse buildings D-1, D-2, F and G shall be re-certified as a Permanent Total Enclosures pursuant to U. S. EPA Method 204 and the certification submitted to the District within 60 days after any modification that materially affects the enclosure status of the warehouses. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Each manway access door shall be equipped with an automatic closure device to minimize the time that the door is open. Manway access doors shall be opened only as required for access to or exit from the enclosure, minimizing the duration of the opening, and shall not be propped open. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

21. Each non-manway access opening shall be equipped with a motor-actuated door and controls which will minimize the time the door remains open during access and exit and shall be integrated with the continuous monitoring system to record the time periods that the door is open. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1080] Federally Enforceable Through Title V Permit
22. The emergency ventilation system serving each warehouse building enclosure shall be equipped with a continuous device integrated with the facility's continuous monitoring system which continuously records the time periods during which the system is activated. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1080] Federally Enforceable Through Title V Permit
23. A minimum allowable vacuum at the fan inlet pressure control point, adequate to ensure maintenance of a continuous negative pressure on all warehouse storage enclosures as required to simultaneously qualify all enclosures as Permanent Total Enclosures pursuant to EPA Method 204, shall be demonstrated, established, and recorded at startup. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1080] Federally Enforceable Through Title V Permit
24. The fan inlet pressure control point shall be equipped with a continuous pressure monitor integrated with the facility's continuous monitoring system to continuously record the actual fan inlet vacuum. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1080] Federally Enforceable Through Title V Permit
25. The measured vacuum at the fan inlet pressure control point shall not be less than the established minimum allowable vacuum during "normal operation". This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Each month the facility shall demonstrate that control of the ID fan inlet pressure at or above the established minimum allowable vacuum is adequate to simultaneously maintain the qualification of all enclosures (buildings D-1, D-2, F, and G) as Permanent Total Enclosures pursuant to EPA Method 204 by manually measuring and recording facial velocity at the test port opening on each warehouse building enclosure and confirming a minimum facial velocity of 200 feet per minute at each port. If a velocity less than 200 feet per minute is determined, operating adjustments shall be made as required to increase the measured facial velocity to 200 feet per minute within 24 hours of the initial measurement. If the permittee is unable to demonstrate a minimum facial velocity of 200 feet per minute within 48 hours after initial measurement, permittee shall notify the APCO within 72 hours of the initial measurement. After 12 consecutive months of demonstrating the adequacy of the established minimum allowable vacuum, the monitoring frequency can be reduced to once per quarter per warehouse building enclosure. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
27. The induced draft fan and RTO serving the warehouse building enclosures shall be adequately sized to simultaneously maintain "normal operation" for all warehouse building enclosures during periods of maximum brandy loss from the storage and aging operation. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
28. Except for emergency conditions, the emergency roof fans shall remain off and the associated air admission dampers shall remain closed. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

29. An "emergency condition", as required to justify operation of the emergency roof fans, is defined as any time during which the atmosphere inside the warehouse exceeds 25% of the Lower Explosive Limit (LEL) or whenever immediate venting is required to protect personnel or the facility from imminent harm. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
30. The regenerative thermal oxidizer shall be equipped with an operational temperature gauge to indicate the temperature of the combustion chamber. A continuously recording device integrated with the facility's continuous monitoring system shall be utilized to indicate the combustion chamber temperature during operation. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule and District Rule 1080] Federally Enforceable Through Title V Permit
31. The regenerative thermal oxidizer shall operate with a combustion chamber temperature of not less than 1500 F. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
32. The VOC destruction efficiency of the regenerative thermal oxidizer shall not be less than 98%. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
33. Routine scheduled maintenance which requires shutdown of the regenerative thermal oxidizer shall not be performed during the months of July, August, or September without prior written approval of the District. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
34. Total annual evaporative emissions from brandy shall not exceed 123,271 lb-VOC/year. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
35. For any calendar year, total evaporative brandy VOC emissions shall be quantified by the sum of the evaporative brandy VOC emissions emitted to the atmosphere from each warehouse building enclosure. Evaporative losses from each warehouse building enclosure shall be calculated by the following formula: Evaporative Brandy VOC Emissions (tons/year-enclosure) = Uncontrolled Emissions (tons/year-enclosure) x Control Factor. Uncontrolled Emissions = the average enclosure inventory for the calendar year (bbls/enclosure) x the measured brandy loss per barrel for the calendar year in the enclosure (PG/bbl-year) x 3.31 lb-VOC/PG. The Control Factor for the calendar year = $(8,760 - 0.98 \times H) / 8,760$, where H is hours of "normal operation" for the enclosure (as defined in this permit) recorded for the calendar year. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
36. VOC emissions from the exhaust of the regenerative thermal oxidizer shall not exceed 100.7 lb/day during "normal operation". This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
37. The emissions from the combustion of natural gas shall not exceed any of the following limits: 0.1 lb-NO_x/MMBtu, 0.084 lb-CO/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.0055 lb-VOC/MMBtu, or 0.00285 lb-SO_x/MMBtu. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

38. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
39. The results of each source test shall be submitted to the District within 60 days thereafter. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
40. This unit shall be tested for compliance with VOC emissions limits at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
41. VOC emissions for source test purposes shall be determined using US EPA Method 25 or Method 18 or BAAQMD ST-32, except when the outlet concentration must be below 50 ppmv in order to meet the standard, in which case US EPA Method 25a may be used. VOC emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District Rule 1081] Federally Enforceable Through Title V Permit
42. Daily and annual records of the hours of operation shall be kept, indicating the time and duration of all periods of outage for the VOC control system including maintenance or emergency operations. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
43. Records shall be kept of all maintenance activities requiring a shutdown of the regenerative thermal oxidizer, including the maintenance activity, time and date of shutdown of the regenerative thermal oxidizer, and the duration of the shutdown. This condition may be deleted from the permit within 36 months of initial operation of the VOC control system upon written notification to the District of intent to discontinue operation of the VOC control system. [District NSR Rule] Federally Enforceable Through Title V Permit
44. Records of all required monitoring shall be maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
45. Daily and annual records of the number of barrels in each warehouse building enclosure shall be kept. [District NSR Rule] Federally Enforceable Through Title V Permit
46. Records of all barrel filling and dumping operations shall be kept, recording the proof gallons placed into storage, the proof gallons removed from storage, the proof gallons lost while in storage and the date of each action. Annual summaries of all filling and dumping operations shall be maintained to allow annual determination of total proof-gallons lost from each warehouse building enclosure. All gauging of distilled spirits shall be in accordance with the methods and procedures of the Gauging Manual of the Alcohol and Tobacco Tax and Trade Bureau, Department of the Treasury (27 CFR 30). [District NSR Rule] Federally Enforceable Through Title V Permit
47. All records shall be retained for a minimum of five years, and shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
48. Facilities N-3386 and N-7478 are the same stationary source. [District NSR Rule] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-3-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

350,000 GALLON INSULATED STAINLESS STEEL ENCLOSED TOP DISTILLED SPIRITS STORAGE TANK #352 WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This storage tank shall be equipped and operated with a pressure-vacuum relief valve, set to operate within 10% of the maximum allowable working pressure of the tank and permanently labeled with the operating pressure settings. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve shall be installed and operated in accordance with the manufacturer's instructions. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Ethanol content of distilled spirits in this tank shall not exceed 60 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Tank throughput shall not exceed either of the following limits: 200,000 gallons in any one day or 6,000,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Daily records shall be kept, recording the total volume of distilled spirits in the storage tank and the ethanol content of the distilled spirits in volume percent. [District Rule 2201] Federally Enforceable Through Title V Permit
8. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-4-1

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

954 HP DOOSAN INFRACORE MODEL P222FE TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115 and 40 CFR 60.4205(b)] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115 and 40 CFR 60.4205(b)] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed any of the following limits: 4.48 g-NO_x/bhp-hr, 0.67 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115 and 40 CFR 60.4205(b)] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed 0.067 g-PM₁₀/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115 and 40 CFR 60.4205(b)] Federally Enforceable Through Title V Permit
8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60.4205(b)]
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702 and 17 CCR 93115 and 40 CFR 60.4205(b)] Federally Enforceable Through Title V Permit
11. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-5-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

4,838 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #6)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-6-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

6,666 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #7)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-7-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

10,373 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #11)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-8-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

25,232 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #12)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-9-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #16)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-10-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #17)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-11-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,805 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #51)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-12-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,721 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #52)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-13-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

50,414 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #53)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-14-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,012 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #101)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-15-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,258 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #102)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-16-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,775 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #103)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-17-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,589 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #104)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-7478-18-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,101 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #105)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-19-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,799 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #107)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-20-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,104 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #108)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-21-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,663 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #109)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-22-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

104,806 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #110)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-23-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,226 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #111)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-24-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

105,348 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #112)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-7478-25-0

EXPIRATION DATE: 10/31/2014

EQUIPMENT DESCRIPTION:

339,116 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #351)
WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT C

Detailed Facility List

Detailed Facility Report
For Facility=7478 and excluding Deleted Permits
Sorted by Facility Number and Permit Number

E & J GALLO WINERY - BRANDY 200 YOSEMITE AVE MODESTO, CA 95353	FAC # STATUS: TELEPHONE:	N.7478 A	TYPE: TOXIC ID:	TitleV 70143	EXPIRE ON: AREA: INSP. DATE:	10/31/2011 5/ 06/13
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-7478-1-2	3,000 kBtu/hr RTO	3020-02 F	1	607.00	607.00	A	161,505 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES J & K) SERVED BY A PERMANENT TOTAL ENCLOSURE AND AN ANGUIL ENVIRONMENTAL SYSTEMS MODEL 100 REGENERATIVE THERMAL OXIDATION (RTO) SYSTEM FOR VOC EMISSION CONTROL
N-7478-2-2	11,115,100 gallons	3020-05 G	1	382.00	382.00	A	222,302 BARREL CAPACITY BRANDY STORAGE AND AGING OPERATION (WAREHOUSES D-1, D-2, F, & G) SERVED BY A 4.0 MMBTU/HR ANGUIL ENVIRONMENTAL SYSTEMS MODEL 150 REGENERATIVE THERMAL OXIDIZER (RTO)
N-7478-3-1	350,000 gal Distilled Spirits Tank	3020-05 E	1	246.00	246.00	A	350,000 GALLON INSULATED STAINLESS STEEL ENCLOSED TOP DISTILLED SPIRITS STORAGE TANK #352 WITH PRESSURE/VACUUM VALVE
N-7478-4-1	954 bhp diesel-fired emergency IC engine	3020-10 E	1	602.00	602.00	A	954 HP DOOSAN INFRACORE MODEL P222FE TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR.
N-7478-5-0	4,838 gallons	3020-05 A	1	75.00	75.00	A	4,838 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #6) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-6-0	6,666 gallons	3020-05 B	1	93.00	93.00	A	6,666 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #7) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-7-0	10,373 gallons	3020-05 B	1	93.00	93.00	A	10,373 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #11) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-8-0	25,232 gallons	3020-05 C	1	135.00	135.00	A	25,232 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #12) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-9-0	1,858 gallons	3020-05 A	1	75.00	75.00	A	1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #16) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-10-0	1,858 gallons	3020-05 A	1	75.00	75.00	A	1,858 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #17) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-11-0	50,805 gallons	3020-05 D	1	185.00	185.00	A	50,805 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #51) WITH PRESSURE/VACUUM VALVE AND INSULATION

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-7478-12-0	50,721 gal	3020-05 D	1	185.00	185.00	A	50,721 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #52) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-13-0	50,414 gal	3020-05 D	1	185.00	185.00	A	50,414 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #53) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-14-0	105,012 gal	3020-05 E	1	246.00	246.00	A	105,012 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #101) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-15-0	104,258 gal	3020-05 E	1	246.00	246.00	A	104,258 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #102) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-16-0	104,775 gal	3020-05 E	1	246.00	246.00	A	104,775 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #103) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-17-0	104,589 gal	3020-05 E	1	246.00	246.00	A	104,589 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #104) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-18-0	105,101 gal	3020-05 E	1	246.00	246.00	A	105,101 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #105) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-19-0	104,799 gal	3020-05 E	1	246.00	246.00	A	104,799 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #107) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-20-0	105,104 gal	3020-05 E	1	246.00	246.00	A	105,104 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #108) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-21-0	104,663 gal	3020-05 E	1	246.00	246.00	A	104,663 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #109) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-22-0	104,806 gal	3020-05 E	1	246.00	246.00	A	104,806 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #110) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-23-0	105,266 gal	3020-05 E	1	246.00	246.00	A	105,266 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #111) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-7478-24-0	105,348 gal	3020-05 E	1	246.00	246.00	A	105,348 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #112) WITH PRESSURE/VACUUM VALVE AND INSULATION

SJVUAPCD
NORTHERN

Detailed Facility Report
For Facility=7478 and excluding Deleted Permits
Sorted by Facility Number and Permit Number

12/12/12
8:18 am

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-7478-25-0	339,116 gal	3020-05 E	1	246.00	246.00	A	339,116 GALLON MILD STEEL LINED HIGH PROOF SPIRITS/ALCOHOL AND BRANDY STORAGE TANK (TANK #351) WITH PRESSURE/VACUUM VALVE AND INSULATION