



**JAN 19 2012**

Mr. Kent Mann  
E & J Gallo Winery  
18000 W River Rd  
Livingston, CA 95334

**Re: Final - Authority to Construct / Certificate of Conformity (Significant Mod)  
District Facility # N-1237  
Project # N-1113395**

Dear Mr. Mann:

The Air Pollution Control Officer has issued Authorities to Construct (N-1237-593-0, '594-0, '595-0) with Certificates of Conformity to E & J Gallo Winery 18000 W River Rd, Livingston. The applicant proposes to install three new 105,000 gallon red and white wine fermentation and storage tanks.

Enclosed are the Authorities to Construct. The application and proposal were sent to US EPA Region IX on December 6, 2011. All comments received have been addressed by the District. A summary of the comments and the District's response to each comment is included as an attachment to the engineering evaluation.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Enclosed is an invoice for the engineering evaluation fees. Please remit the amount owed, along with a copy of the attached invoice, within 30 days.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

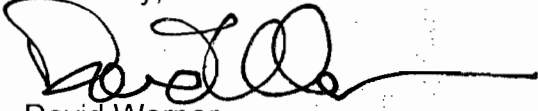
**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

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

Mr. Kent Mann  
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Warner', with a long horizontal flourish extending to the right.

David Warner  
Director of Permit Services

Enclosures  
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JAN 19 2012

Gerardo C. Rios, Chief  
Permits Office  
Air Division  
U.S. EPA - Region IX  
75 Hawthorne St  
San Francisco, CA 94105

**Re: Final - Authority to Construct / Certificate of Conformity (Significant Mod)  
District Facility # N-1237  
Project # N-1113395**

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authorities to Construct (N-1237-593-0, '594-0, '595-0) with Certificates of Conformity to E & J Gallo Winery 18000 W River Rd, Livingston. The applicant proposes to install three new 105,000 gallon red and white wine fermentation and storage tanks.

Enclosed is a copy of the Authorities to Construct. The application and proposal were sent to US EPA Region IX on December 6, 2011. All comments received have been addressed by the District. A summary of the comments and the District's response to each comment is included as an attachment to the engineering evaluation.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner  
Director of Permit Services

Enclosures  
st

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585



JAN 19 2012

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

**Re: Final - Authority to Construct / Certificate of Conformity (Significant Mod)  
District Facility # N-1237  
Project # N-1113395**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authorities to Construct (N-1237-593-0, '594-0, '595-0) with Certificates of Conformity to E & J Gallo Winery 18000 W River Rd, Livingston. The applicant proposes to install three new 105,000 gallon red and white wine fermentation and storage tanks.

Enclosed is a copy of the Authorities to Construct. The application and proposal were sent to US EPA Region IX on December 6, 2011. All comments received have been addressed by the District. A summary of the comments and the District's response to each comment is included as an attachment to the engineering evaluation.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner  
Director of Permit Services

Enclosures  
st

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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

Merced Sun Star

**NOTICE OF FINAL DECISION  
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND  
THE PROPOSED SIGNIFICANT MODIFICATION OF FEDERALLY  
MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue Authorities to Construct to E & J Gallo Winery for winery located at 18000 W River Rd, Livingston, California. The applicant proposes to install three new 105,000 gallon red and white wine fermentation and storage tanks.

The District's analysis of the legal and factual basis for this proposed action, project #N-1113395, is available for public inspection at the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.



# AUTHORITY TO CONSTRUCT

**PERMIT NO:** N-1237-593-0

**ISSUANCE DATE:** 01/12/2012

**LEGAL OWNER OR OPERATOR:** E & J GALLO WINERY  
**MAILING ADDRESS:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**LOCATION:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**EQUIPMENT DESCRIPTION:**  
105,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK 1031) WITH PRESSURE/VACUUM VALVE AND INSULATION

## CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantities of emissions: 1st quarter - 847 lb, 2nd quarter - 848 lb, 3rd quarter - 848 lb, and fourth quarter - 848 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201] Federally Enforceable Through Title V Permit
4. ERC Certificate Numbers C-1066-1 and S-3666-1 (or a certificate split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

  
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DAVID WARNER, Director of Permit Services  
N-1237-593-0, Jan 12 2012 9:59AM - TOMS : Joint Inspection NOT Required

6. When used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
8. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
9. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily maximum ethanol content of wine stored in this tank shall not exceed 14.5 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The annual average ethanol content of wine stored in this tank shall not exceed 12 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The maximum liquid temperature of wine stored in this tank shall not exceed 75 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The maximum wine fermentation throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum wine storage throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The maximum wine storage throughput in this tank shall not exceed 1,050,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The daily VOC emissions for fermentation operations in this tank shall not exceed 3.46 lb per 1000 gallons of tank capacity. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily VOC emissions from wine stored in this tank shall not exceed 5.5 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. All wine fermented in this tank shall be subject to the fermentation tank emission reduction measures of District Rule 4694 with actual production in this tank included in the minimum facility-wide fermentation emission reduction of 35% pursuant to District Rule 4694. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Annual fermentation emissions from this tank shall be determined by the following equation:  $E = 4.0 \times \text{annual red wine production} + 1.6 \times \text{annual white wine production}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
20. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070] Federally Enforceable Through Title V Permit
21. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070] Federally Enforceable Through Title V Permit
22. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

23. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
24. Separate annual records each of total red wine and total white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury, shall be kept. [District Rule 4694]
25. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
26. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit





## AUTHORITY TO CONSTRUCT

**PERMIT NO:** N-1237-594-0

**ISSUANCE DATE:** 01/12/2012

**LEGAL OWNER OR OPERATOR:** E & J GALLO WINERY  
**MAILING ADDRESS:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**LOCATION:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**EQUIPMENT DESCRIPTION:**  
105,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK 1032) WITH PRESSURE/VACUUM VALVE AND INSULATION

### CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantities of emissions: 1st quarter - 847 lb, 2nd quarter - 848 lb, 3rd quarter - 848 lb, and fourth quarter - 848 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 4/21/11). [District Rule 2201] Federally Enforceable Through Title V Permit
4. ERC Certificate Numbers C-1066-1 and S-3666-1 (or a certificate split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

  
DAVID WARNER, Director of Permit Services

6. When used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
8. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
9. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily maximum ethanol content of wine stored in this tank shall not exceed 14.5 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The annual average ethanol content of wine stored in this tank shall not exceed 12 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The maximum liquid temperature of wine stored in this tank shall not exceed 75 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The maximum wine fermentation throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum wine storage throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The maximum wine storage throughput in this tank shall not exceed 1,050,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The VOC emissions for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily VOC emissions from wine stored in this tank shall not exceed 65.5 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Annual emissions from wine fermentation in this tank shall not exceed 3,200 lb-VOC per year. [District Rule 2201] Federally Enforceable Through Title V Permit
19. All wine fermented in this tank shall be subject to the fermentation tank emission reduction measures of District Rule 4694 with actual production in this tank included in the minimum facility-wide fermentation emission reduction of 35% pursuant to District Rule 4694. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Annual fermentation emissions from this tank shall be determined by the following equation:  $E = 4.0 \times \text{annual red wine production} + 1.6 \times \text{annual white wine production}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
21. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070] Federally Enforceable Through Title V Permit
22. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070] Federally Enforceable Through Title V Permit
23. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
25. Separate annual records each of total red wine and total white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury, shall be kept. [District Rule 4694]
26. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
27. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** N-1237-595-0

**ISSUANCE DATE:** 01/12/2012

**LEGAL OWNER OR OPERATOR:** E & J GALLO WINERY  
**MAILING ADDRESS:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**LOCATION:** 18000 W RIVER RD  
LIVINGSTON, CA 95334

**EQUIPMENT DESCRIPTION:**  
105,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK 1033) WITH PRESSURE/VACUUM VALVE AND INSULATION

### CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
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4. ERC Certificate Numbers C-1066-1 and S-3666-1 (or a certificate split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
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CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

  
DAVID WARNER, Director of Permit Services

N-1237-595-0 : Jan 12 2012 9:45AM -- TOMS -- Joint Inspection NOT Required

6. When used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, 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 Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
8. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
9. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201] Federally Enforceable Through Title V Permit
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12. The maximum liquid temperature of wine stored in this tank shall not exceed 75 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The maximum wine fermentation throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The maximum wine storage throughput in this tank shall not exceed 105,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The maximum wine storage throughput in this tank shall not exceed 1,050,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The VOC emissions for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily VOC emissions from wine stored in this tank shall not exceed 65.5 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Annual emissions from wine fermentation in this tank shall not exceed 3,200 lb-VOC per year. [District Rule 2201] Federally Enforceable Through Title V Permit
19. All wine fermented in this tank shall be subject to the fermentation tank emission reduction measures of District Rule 4694 with actual production in this tank included in the minimum facility-wide fermentation emission reduction of 35% pursuant to District Rule 4694. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Annual fermentation emissions from this tank shall be determined by the following equation:  $E = 4.0 \times \text{annual red wine production} + 1.6 \times \text{annual white wine production}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
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23. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
25. Separate annual records each of total red wine and total white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury, shall be kept. [District Rule 4694]
26. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
27. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit