



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

MAR 01 2010

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

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-447
Project # C-1083007**

Dear Mr. Rios:

The Air Pollution Control Officer has modified the Title V permit for E & J Gallo Winery 5610 E Olive Ave, Fresno incorporating Authorities to Construct C-447-1-8 and C-447-227-0. The facility is proposing to change the alternate monitoring of the 62 MMBtu/hr B&W boiler from weekly monitoring of flue gas recirculation fan speed and fuel gas flowrate to monthly monitoring of NOx, CO, and O2 with a portable emissions monitor. In addition, the facility is proposing a new wastewater treatment plant.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on May 6, 2009. No comments were received following the District's preliminary decision on this project.

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
jms

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
www.valleyair.org

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



MAR 01 2010

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

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-447
Project # C-1083007**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has modified the Title V permit for E & J Gallo Winery 5610 E Olive Ave, Fresno incorporating Authorities to Construct C-447-1-8 and C-447-227-0. The facility is proposing to change the alternate monitoring of the 62 MMBtu/hr B&W boiler from weekly monitoring of flue gas recirculation fan speed and fuel gas flowrate to monthly monitoring of NOx, CO, and O2 with a portable emissions monitor. In addition, the facility is proposing a new wastewater treatment plant.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on May 6, 2009. No comments were received following the District's preliminary decision on this project.

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MAR 01 2010

Phil Castro
E & J Gallo Winery
5610 E Olive Ave
Fresno CA 93727

**Re: Notice of Final Action - Significant Title V Permit Modification
District Facility # C-447
Project # C-1083007**

Dear Mr. Castro:

The Air Pollution Control Officer has modified the Title V permit for E & J Gallo Winery 5610 E Olive Ave, Fresno incorporating Authorities to Construct C-447-1-8 and C-447-227-0. The facility is proposing to change the alternate monitoring of the 62 MMBtu/hr B&W boiler from weekly monitoring of flue gas recirculation fan speed and fuel gas flowrate to monthly monitoring of NOx, CO, and O2 with a portable emissions monitor. In addition, the facility is proposing a new wastewater treatment plant.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on May 6, 2009. No comments were received following the District's preliminary decision on this project.

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

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Fresno Bee

**NOTICE OF FINAL DECISION
FOR THE PROPOSED 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 modify the Federally Mandated Operating Permit to E & J Gallo Winery for its wine production facility, 5610 E Olive Ave, Fresno, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1083007, 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 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.

TITLE V APPLICATION REVIEW

Significant Modification

Project #: C-1083007

Engineer: Juscelino Siongco

Date: February 23, 2010

Facility Number: C-447
Facility Name: E & J Gallo Winery
Mailing Address: 5610 E Olive Ave
Fresno, CA 93727

Contact Name: Phil Castro
Phone: (5590 458-2417

Responsible Official: Phil Castro
Title: Plant Manager–Fresno Winery

I. PROPOSAL

E & J Gallo Winery is proposing a Title V significant permit modification to incorporate the recently issued Authorities to Construct #C-447-1-8, and -227-0 into the Title V operating permit. The facility is proposing to change the alternate monitoring of the 62 MMBtu/hr B&W boiler from weekly monitoring of flue gas recirculation fan speed and fuel gas flowrate to monthly monitoring of NO_x, CO, and O₂ with a portable emissions monitor. In addition, the facility is proposing a new wastewater treatment plant.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The facility is located at 5610 E Olive Ave, Fresno, CA 93727.

III. EQUIPMENT DESCRIPTION

C-447-1-9: 62.0 MMBTU/HR B & W BOILER EQUIPPED WITH TODD LOW-NOX BURNER, FLUE GAS RECIRCULATION, O₂ AND CO TRIM

CONTROLLERS, AND A CRI COMPANY SELECTIVE CATALYTIC
REDUCTION (SCR) SYSTEM MODEL SHELL DNOX LFR

C-447-227-1: 502,100 GALLON WINERY WASTEWATER ANAEROBIC
REACTOR SERVED BY A BIOGAS SCRUBBING SYSTEM LISTED ON C-447-
226

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a significant modification because the applicant is proposing to relax the the current alternate monitoring requirement in permit C-447-1-4 by replacing the weekly monitoring of the flue gas recirculation fan speed and fuel gas flowrate with the alternate monthly monitoring of the stack concentrations of NO_x, CO, and O₂ with a portable emissions monitor in the proposed permit C-447-1-9.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

E&J Gallo Winery is proposing to install a new anaerobic wastewater treatment plant (WWTP) at its winery in Fresno, CA. The operation will receive process water from the winery (C-447) and the San Joaquin Valley Concentrates (SJVC) plant (C-3275). The operation will treat the process wastewater prior to discharge to the City of Fresno WWTP; small amounts of treated wastewater will be applied to adjoining farmland. Currently wastewater from the winery and SJVC plant is discharged directly to the City of Fresno WWTP or land-applied without any pre-treatment.

The new anaerobic WWTP will consist of:

1. A pre-acidification and equalization operation to receive screened wastewater which will be blended and treated to adjust the pH to an appropriate range for anaerobic treatment.
2. An anaerobic biological treatment operation which will reduce the biochemical oxygen demand of the wastewater.
3. A sulfide oxidation tank which will oxidize H₂S in the treated wastewater into sulfate prior to wastewater discharge.

The pre-acidification and equalization operation, as well as the secondary chambers of the anaerobic reactors will be vented to a biofilter. The biofilter is primarily intended for H₂S and odor control, but the use of a biofilter also ensures that VOC emissions from the process will be negligible.

Biogas produced by the anaerobic treatment operation will be vented to a biogas scrubber. The scrubber will reduce H₂S concentrations in the biogas using a caustic soda solution. Treated biogas will be burned in two existing boilers at the facility, or in a new enclosed flare. Gallo proposes to lower the CO emission limit for each boiler from 200 ppmv CO @ 3% O₂ to 100 ppmv CO @ 3% O₂.

C-447-1-9:

Permit condition 12 was removed from the current Permit to Operate. The condition is no longer required since the unit fires on PUC-regulated natural gas and/or on scrubbed biogas produced by the anaerobic treatment operation.

Permit condition 20 from the current Permit to Operate was included as condition 31 on the proposed Permit to Operate. The condition was updated to include recordkeeping of daily biogas fuel consumption.

Permit condition 21 was removed from the current Permit to Operate. This modification resulted from the facility's request to remove the daily natural gas fuel use limit.

Permit conditions 24 through 28 were removed from the current Permit to Operate and replaced by conditions 33 through 36 on the proposed Permit to Operate. The alternate monitoring scheme of monitoring of the FGR fan speed and fuel flow rate had been replaced by another alternate monitoring scheme of periodic monitoring of NO_x, CO, and O₂ emission concentrations.

VII. COMPLIANCE

District Rule 2520, Section 6.0 describes the source's ability to make changes including significant permit modification. This modification does not meet the minor permit modification criteria pursuant to Section 3.20 described as follows.

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;

3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of Section 11.3 by including;

1. The identification of the source, the name and address of the permit holder, the activities and emissions change involved in the permit action;
2. The name and address of the District, the name and telephone number of District staff to contact for additional information;
3. The availability, upon request, of a statement that sets forth the legal and factual basis for the proposed permit conditions;
4. The location where the public may inspect the complete application, the District analysis, the proposed permit, and all relevant supporting materials;
5. A statement that the public may submit written comments regarding the proposed decision within at least 30 days from the date of publication and a brief description of commenting procedures, and
6. A statement that members of the public may request the APCO or his designee to preside over a public hearing for the purpose of receiving oral public comment, if a hearing has not already been scheduled. The APCO shall provide notice of any public hearing scheduled to address the proposed decision at least 30 days prior to such hearing;

VIII. ATTACHMENTS

- A. Modified Title V Operating Permit No. C-447-1-9, and C-447-227-1
- B. Authorities to Construct No. C-447-1-8, and C-447-227-0
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No. C-447-1-4

ATTACHMENT A

Modified Title V Operating Permit No.

C-447-1-9 and C-447-227-1

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-447-1-9

EXPIRATION DATE: 06/30/2007

EQUIPMENT DESCRIPTION:

62.0 MMBTU/HR B & W BOILER EQUIPPED WITH TODD LOW-NOX BURNER, FLUE GAS RECIRCULATION, O2 AND CO TRIM CONTROLLERS, AND A CRI COMPANY SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM MODEL SHELL DNOX LFR

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rules 4201, 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-regulated natural gas and/or on scrubbed biogas from C-447-226. [District NSR Rule, and 4301, 5.2.1, Fresno County Rule 406 and 40 CFR 60.42c(d)] Federally Enforceable Through Title V Permit
4. The unit shall not burn more than 1,296,000 scf of biogas in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Sulfur content of the scrubbed biogas shall not exceed 50 ppmv. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Except during start-up and shutdown, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following limits: 9 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu; 0.0022 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ (equivalent to 0.074 lb-CO/MMBtu); or 0.0025 lb-VOC/MMBtu. [District NSR Rule, 4305, and 4306] Federally Enforceable Through Title V Permit
7. During start-up and shutdown, emissions from the exhaust of the SCR system serving this boiler shall not exceed either of the following limits: 0.68 lb-NO_x/hr, or 4.59 lb-CO/hr. [District NSR Rule and District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
8. The total duration of start-up time shall not exceed 9.0 hours per day. [District NSR Rule, 4305 and 4306] Federally Enforceable Through Title V Permit
9. The total duration of startup time shall not exceed 6.0 hours per occurrence. [District NSR Rule, 4305, and 4306] Federally Enforceable Through Title V Permit
10. The total duration of shutdown time shall not exceed 6.0 hours per day. [District NSR Rule, 4305, and 4306] Federally Enforceable Through Title V Permit
11. The total duration of shutdown time shall not exceed 3.0 hours per occurrence. [District NSR Rule, 4305, and 4306] Federally Enforceable Through Title V Permit
12. The permittee shall record the daily startup and shutdown duration times of the boiler. [District NSR Rule, 4305, and 4306] Federally Enforceable Through Title V Permit
13. The ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]

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

14. Ammonia emission readings shall be conducted at the time the NO_x, CO, and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
15. The permittee shall monitor and record the stack concentration of ammonia (NH₃) at least once during each month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within one day of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102]
16. 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 Rule 1081] Federally Enforceable Through Title V Permit
17. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rules 4305, and 4306] Federally Enforceable Through Title V Permit
18. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
22. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule and District Rules 4102, 4305 and 4306] Federally Enforceable Through Title V Permit
23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
24. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rules 4305, and 4306] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with subsumed requirements of SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements of County Rule 406 (Fresno) and SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4201, 4301, and 4305. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rule 1081. A permit shield is granted from this requirements. [District Rule 2520, 13.2] 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. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale and was constructed prior to June 9, 1989 without modifications or reconstruction. A permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
30. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
31. Records of daily natural gas and biogas consumption shall be maintained on the premises. [District NSR Rule; District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Daily emissions shall not exceed 16.4 lb NO_x, 110.1 lb CO, 3.7 lb NMHC, or 3.3 lb PM-10. [District NSR Rule] Federally Enforceable Through Title V Permit
33. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
34. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
35. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
36. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃, and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
37. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
38. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
39. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
40. 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 Rules 1070, 4305, and 4306] 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: C-447-227-1

EXPIRATION DATE: 06/30/2007

EQUIPMENT DESCRIPTION:

502,100 GALLON WINERY WASTEWATER ANAEROBIC REACTOR SERVED BY A BIOGAS SCRUBBING SYSTEM LISTED ON C-447-226

PERMIT UNIT REQUIREMENTS

1. The IC degassing tank of the anaerobic reactor shall be enclosed and vented to the biogas scrubber listed on C-447-226-0. [District Rule 4102]
2. The primary chamber of the anaerobic reactor shall be enclosed and vented to the biofilter listed on C-447-225-0. [District Rule 4102]

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

ATTACHMENT B

Authorities to Construct No.

C-447-1-8 and C-447-227-0



AUTHORITY TO CONSTRUCT

PERMIT NO: C-447-1-8

ISSUANCE DATE: 12/10/2007

LEGAL OWNER OR OPERATOR: E & J GALLO WINERY
MAILING ADDRESS: 5610 E OLIVE AVE
FRESNO, CA 93727

LOCATION: 5610 E OLIVE AVE
FRESNO, CA 93727

EQUIPMENT DESCRIPTION:

MODIFICATION OF 62.0 MMBTU/HR B & W BOILER EQUIPPED WITH TODD LOW-NOX BURNER, FLUE GAS RECIRCULATION, O2 AND CO TRIM CONTROLLERS, AND A CRI COMPANY SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM MODEL SHELL DNOX LFR: ALLOW BIOGAS COMBUSTION AND REMOVE DAILY FUEL USE LIMIT

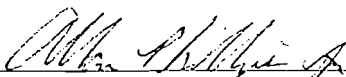
CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. This boiler shall be equipped with a Selective Catalytic Reduction (SCR) emissions control system. [District NSR Rule] Federally Enforceable Through Title V Permit
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. 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
6. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO2, nor 10 lb/hr. [District Rules 4201, 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
7. The unit shall only be fired on PUC-regulated natural gas and/or on scrubbed biogas from C-447-226. [District Rules 2201, and 4301, 5.2.1, Fresno County Rule 406 and 40 CFR 60.42c(d)] Federally Enforceable Through Title V Permit
8. The unit shall not burn more than 1,296,000 scf of biogas in any one day. [District Rule 2201]
9. Sulfur content of the scrubbed biogas shall not exceed 50 ppmv. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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
C-447-1-8 Dec 11 2007 7:29AM - ELLENBEC Joint Inspection NO1 Required

10. Except during start-up and shutdown, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following limits: 9 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu; 0.0022 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ (equivalent to 0.074 lb-CO/MMBtu); or 0.0025 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
11. During start-up and shutdown, emissions from the exhaust of the SCR system serving this boiler shall not exceed either of the following limits: 0.68 lb-NO_x/hr, or 4.59 lb-CO/hr. [District NSR Rule and District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. The total duration of start-up time shall not exceed 9.0 hours per day. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
13. The total duration of startup time shall not exceed 6.0 hours per occurrence. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
14. The total duration of shutdown time shall not exceed 6.0 hours per day. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
15. The total duration of shutdown time shall not exceed 3.0 hours per occurrence. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
16. The permittee shall record the daily startup and shutdown duration times of the boiler. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
17. The ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]
18. Ammonia emission readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. The permittee shall monitor and record the stack concentration of ammonia (NH₃) at least once during each month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within one day of restarting the unit unless monitoring has been performed within the last month. [District Rule 4102] Federally Enforceable Through Title V Permit
20. 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 Rule 1081] Federally Enforceable Through Title V Permit
21. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
23. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
24. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
25. Source testing to measure natural gas-combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted within 60 days of initial start-up. [District NSR Rule, and District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

26. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule and District Rules 4102, 4305 and 4306] Federally Enforceable Through Title V Permit
27. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
28. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rules 4305, 8.1 and 4351, 8.1] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with subsumed requirements of County Rules 408 (Fresno) and Rule 404 (Fresno); and SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: County Rules 408 (Fresno) and 406 (Fresno); and SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
32. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081 and County Rule 108.1 (Fresno). [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
33. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale and was constructed prior to June 9, 1989 without modifications or reconstruction. A permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
34. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
35. Records of daily natural gas consumption shall be maintained on the premises. [District Rule 2201; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. Daily emissions shall not exceed 16.4 lb NO_x, 110.1 lb CO, 3.7 lb NMHC, or 3.3 lb PM-10. [District Rule 2201] Federally Enforceable Through Title V Permit
37. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
38. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

39. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
40. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
41. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
42. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
43. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
44. 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 Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit
45. Prior to operating equipment under this Authority to Construct, permittee shall surrender NO_x emission reduction credits for the following quantity of emissions: 1st quarter - 92 lb, 2nd quarter - 92 lb, 3rd quarter - 241 lb, and fourth quarter - 241 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
46. ERC Certificate Number C-37-2 (or a certificate split from this certificate) 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]



AUTHORITY TO CONSTRUCT

PERMIT NO: C-447-227-0

ISSUANCE DATE: 12/10/2007

LEGAL OWNER OR OPERATOR: E & J GALLO WINERY
MAILING ADDRESS: 5610 E OLIVE AVE
FRESNO, CA 93727

LOCATION: 5610 E OLIVE AVE
FRESNO, CA 93727

EQUIPMENT DESCRIPTION:

502,100 GALLON WINERY WASTEWATER ANAEROBIC REACTOR SERVED BY A BIOGAS SCRUBBING SYSTEM LISTED ON C-447-226

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. The IC degassing tank of the anaerobic reactor shall be enclosed and vented to the biogas scrubber listed on C-447-226-0. [District Rule 4102]
4. The primary chamber of the anaerobic reactor shall be enclosed and vented to the biofilter listed on C-447-225-0. [District Rule 4102]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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

C-447-227-0, Dec 11 2007 7:25AM - ELLENDEC Joint Inspection NOT Required

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	SOx	PM10	CO	VOC
C-447-1-9	542	1,593	109	-32,898	1,358
C-447-227-1	0	0	0	0	0
TOTAL	542	1,593	109	-32,898	1,358

ATTACHMENT D

Application

San Joaquin Valley
Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

SIGNIFICANT PERMIT MODIFICATION
 MINOR PERMIT MODIFICATION

ADMINISTRATIVE
AMENDMENT

COMPANY NAME: E&J Gallo Winery - Fresno	FACILITY ID C 447
1. Type of Organization: <input type="checkbox"/> Corporation <input checked="" type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: E&J Gallo Winery-Fresno	
3. Agent to the Owner: Mr. Phil Castro	

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

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

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



Signature of Responsible Official

07/07/08

Date

Mr. Phil Castro

Name of Responsible Official (please print)

Plant Manager - Fresno Winery


Title of Responsible Official (please print)

JUL 16 2008

Permits Srvc
SJVAPCD

Permit Application For:

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

1. PERMIT TO BE ISSUED TO: <u>E&J Gallo Winery-Fresno</u>	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>5610 E. Olive Avenue</u> CITY: <u>Fresno</u> STATE: <u>California</u> ZIP CODE: <u>93727</u> 9-DIGIT	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>same</u> CITY: _____ _____ ¼ SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE: <u>ATC permit received; requesting minor modification prior to ATC implementation</u>
4. GENERAL NATURE OF BUSINESS: <u>Production of brandy, wine, and concentrate</u>	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) <u>Request minor modification for C-447-1-8 (Attached)</u>	
6. TYPE OR PRINT NAME OF APPLICANT: <u>Mr. Phil Castro</u>	TITLE OF APPLICANT: <u>Plant Manager</u>
7. SIGNATURE OF APPLICANT: 	DATE: <u>07/07/08</u> PHONE (559) 458-2417 FAX: (559) 458-2422 EMAIL: <u>phil.castro@ejgallo.com</u>


For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: <u>\$ 0</u> CHECK#: _____
	DATE PAID: _____
	PROJECT NO: <u>C-1083007</u> FACILITY ID: <u>C-447</u>

San Joaquin Valley Air Pollution Control District
www.valleyair.org

Permit Application For:

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

1. PERMIT TO BE ISSUED TO: E&J Gallo Winery-Fresno	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>5610 E. Olive Avenue</u> CITY: <u>Fresno</u> STATE: <u>California</u> 9-DIGIT ZIP CODE: <u>93727</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>same</u> CITY: _____ _____ ¼ SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE: ATC permit received; submitting application for minor modification prior to ATC implementation
4. GENERAL NATURE OF BUSINESS: Production of brandy, wine, and concentrate	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Request COC for C-447-227-0 (Attached)	
6. TYPE OR PRINT NAME OF APPLICANT: Mr. Phil Castro	TITLE OF APPLICANT: Plant Manager
7. SIGNATURE OF APPLICANT: 	DATE: 07/07/08 PHONE (559) 458-2417 FAX: (559) 458-2422 EMAIL: phil.castro@ejgallo.com

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ <u>0</u> CHECK#: _____
	DATE PAID: _____
	PROJECT NO: <u>C-1083007</u> FACILITY ID: <u>C-447</u>

ATTACHMENT E

Previous Title V Operating Permit No.

C-447-1-4

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-447-1-4

EXPIRATION DATE: 06/30/2007

EQUIPMENT DESCRIPTION:

62.0 MMBTU/HR B & W BOILER EQUIPPED WITH TODD LOW-NOX BURNER, FLUE GAS RECIRCULATION, O2 AND CO TRIM CONTROLLERS

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rules 4201, 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
2. Unit shall only be fired on PUC-regulated natural gas. [District Rule 4301, 5.2.1 and 40 CFR 60.42c(d)] Federally Enforceable Through Title V Permit
3. Nitrogen oxide (NO_x) emissions shall not exceed 0.036 lb NO_x/MMBtu or 30 ppmv. [District NSR Rule, District Rules 4351, 5.2.2 and 5.4, 4305, 5.1 and 4301] Federally Enforceable Through Title V Permit
4. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rule 108.1 (Fresno)] Federally Enforceable Through Title V Permit
5. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rules 2520, 9.3.2, 4305, 6.2.1 and 4351, 6.2.1] Federally Enforceable Through Title V Permit
6. NO_x, and CO emissions shall be measured with annual source testing conducted by independent testing laboratory and shall be witnessed or authorized by the District. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. If compliance is shown for 2 consecutive years, units shall test not less than once every 36 months. [District Rules 4305, 6.3.2 and 4351, 6.3] Federally Enforceable Through Title V Permit
8. If permittee fails any compliance demonstration for NO_x and CO emission limits when testing not less than once every 36 months, compliance with NO_x and CO emission limits shall be demonstrated not less than once every 12 months. [District Rules 4305, 6.3.1 and 4351, 6.3] Federally Enforceable Through Title V Permit
9. Source testing shall be performed for NO_x (ppmv) according to EPA method 7E (or ARB Method 100), stack gas oxygen by EPA Method 3 or 3A (or ARB Method 100), NO_x emission rate (heat input basis) by EPA Method 19, stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4 and EPA Method 10 (or ARB Method 100) for CO. [District Rules 1081, 4305, 6.2.2-7 and 4351, 6.2.2-7] Federally Enforceable Through Title V Permit
10. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rules 4305, 8.1 and 4351, 8.1] Federally Enforceable Through Title V Permit
11. Operator shall monitor and record for each unit the hhv and cumulative annual use of each fuel. [District Rules 4305, 6.1.1 and 4351, 6.1.1] Federally Enforceable Through Title V Permit
12. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] 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.

13. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with subsumed requirements of County Rules 408 (Fresno) and Rule 404 (Fresno); and SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
15. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: County Rules 408 (Fresno) and 406 (Fresno); and SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081 and County Rule 108.1 (Fresno). [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
18. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale and was constructed prior to June 9, 1989 without modifications or reconstruction. A permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
19. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Records of daily natural gas consumption shall be maintained on the premises. [District NSR Rule; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
21. Natural gas fuel usage shall not exceed 1,353,000 scf per day. [District NSR Rule] Federally Enforceable Through Title V Permit
22. CO emissions shall not exceed 0.148 lb/MMBtu. [District NSR Rule, District Rules 4351, 5.2.2 and 5.4 and 4305, 5.1 and the subsumed District Rule 4301 and County Rule 408 (Fresno)] Federally Enforceable Through Title V Permit
23. Daily emissions while firing on natural gas shall not exceed 40.9 lb NO_x, 168.2 lb CO, 2.8 lb NMHC, or 2.5 lb PM-10. [District NSR Rule] Federally Enforceable Through Title V Permit
24. The boiler shall be equipped with displays for monitoring the instantaneous FGR fan speed and fuel input rate. [District Rules 2520, 9.3.2 and 4305, 5.4.2] Federally Enforceable Through Title V Permit
25. The acceptable settings for the flue gas recirculation fan speed shall be established by testing emissions from this unit as approved by the District. The acceptable settings shall be those for which compliance with applicable NO_x and CO emission rates have been demonstrated through source testing. [District Rules 2520, 9.3.2 and 4305, 5.4.2] Federally Enforceable Through Title V Permit
26. The flue gas recirculation fan speed and fuel gas flow rate shall be inspected at least on a weekly basis. [District Rules 2520, 9.3.2 and 4305, 5.4.2] Federally Enforceable Through Title V Permit
27. The permittee shall maintain records of the date and time of the FGR fan speed and fuel gas flow rate. The records must also include a description of any corrective action taken to maintain the steam injection rate above the minimum acceptable rate. These records shall be retained at the facility for a period of no less than 5 years and shall be made available for District inspection upon request. [District Rules 2520, 9.3.2, 9.4.2 and 4305, 5.4.2] Federally Enforceable Through Title V Permit
28. If the FGR fan speed for a given fuel gas flow rate deviates from the acceptable range, the permittee shall notify the District and take corrective action within one (1) hour after detection. If the FGR fan speed is not corrected within one hour, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emissions limits at observed FGR fan speed settings. [District Rules 2520, 9.3.2 and 4305, 5.4.2] 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. Compliance with Daily Emission Limits (DELs) shall be determined by using the arithmetic mean of three 30 minute test runs for NOx and CO. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
30. Source testing performed by the operator to determine compliance with emission limits shall be made with the unit operating at a normal firing rate, air-to-fuel ratio, and fuel quality. [District Rules 2520, 9.3.2 and 4305, 5.5.2] Federally Enforceable Through Title V Permit

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