



FEB 24 2010

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

Re: **Notice of Minor Title V Permit Modification**
District Facility # C-447
Project # C-1100449

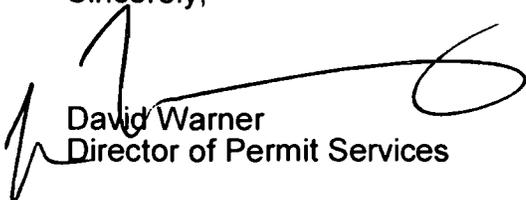
Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. E & J Gallo Winery is proposing a Title V minor permit modification to incorporate the recently issued Authority to Construct C-447-23-3 into the Title V operating permit. The facility proposes to replace an existing 132 bhp diesel-fired IC engine powering a 100 ton/hour powerscreen model Trommel 830 rotary screen under PTO C-447-23-0 with a new transportable 140 bhp Deutz Tier 3 diesel-fired IC engine.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct C-447-23-3, emission increases, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

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

Sincerely,



David Warner
Director of Permit Services

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 24 2010

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

**Re: Notice of Minor Title V Permit Modification
District Facility # C-447
Project # C-1100449**

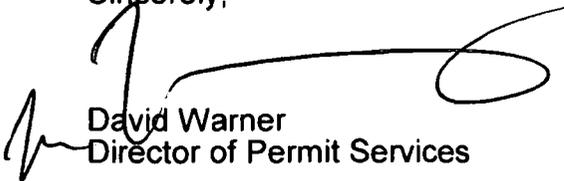
Dear Mr. Castro:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued Authority to Construct C-447-23-3 into the Title V operating permit. The facility proposes to replace an existing 132 bhp diesel-fired IC engine powering a 100 ton/hour powerscreen model Trommel 830 rotary screen under PTO C-447-23-0 with a new transportable 140 bhp Deutz Tier 3 diesel-fired IC engine.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct C-447-23-3, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

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

Sincerely,



David Warner
Director of Permit Services

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TITLE V APPLICATION REVIEW

Minor Modification
Project #: C-1100449

Engineer: Juscelino Siongco
Date: February 19, 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: (559) 458-2417

Responsible Official: Phil Castro
Title: Plant Manager

I. PROPOSAL

E & J Gallo Winery is proposing a Title V minor permit modification to replace an existing 132 bhp diesel-fired IC engine powering a 100 ton/hour powerscreen model Trommel 830 rotary screen under PTO C-447-23-0 with a new transportable 140 bhp Deutz Tier 3 diesel-fired IC engine.

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-447-23-4: TRANSPORTABLE 140 BHP DEUTZ MODEL TCD 2012L06
SERIAL NO. 10742272 TIER 3 DIESEL-FIRED IC ENGINE POWERING A 100
TON/HOUR POWERSCREEN MODEL TROMMEL 830 ROTARY SCREEN**

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

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

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

E & J Gallo Winery proposes to replace an existing 132 bhp diesel-fired IC engine powering a 100 ton/hour powerscreen model Trommel 830 rotary screen under PTO C-447-23-0 with a new transportable 140 bhp Deutz Tier 3 diesel-fired IC engine.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

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 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. C-447-23-4
- B. Authority to Construct No. C-447-23-3
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No. C-447-23-0

ATTACHMENT A

Proposed Modified Title V Operating Permit No.

C-447-23-4

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-447-23-4

EXPIRATION DATE: 06/30/2007

EQUIPMENT DESCRIPTION:

TRANSPORTABLE 140 BHP DEUTZ MODEL TCD 2012L06 SERIAL NO. 10742272 TIER 3 DIESEL-FIRED IC ENGINE
POWERING A 100 TON/HOUR POWERSCREEN MODEL TROMMEL 830 ROTARY SCREEN

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. Visible emissions from the screen shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
6. Engine operations shall not exceed 18 hours/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation of this engine shall not exceed 1,000 hours per year. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District NSR Rule and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. Emissions from the IC engine shall not exceed any of the following limits: 2.71 g-NOx/bhp-hr, 0.67 g-CO/bhp-hr, or 0.19 g-VOC/bhp-hr. [District NSR Rule and 4702] Federally Enforceable Through Title V Permit
10. Emissions from the IC engine shall not exceed 0.05 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District NSR Rule and 4702] Federally Enforceable Through Title V Permit
11. PM10 emissions from the Trommel screen shall not exceed 0.0022 lb/ton. [District NSR Rule] Federally Enforceable Through Title V Permit
12. During periods of operation, 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
13. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit
14. The permittee shall maintain records of daily and annual hours of operation. [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.

15. 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] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B

Authority to Construct No.

C-447-23-3



AUTHORITY TO CONSTRUCT

PERMIT NO: C-447-23-3

ISSUANCE DATE: 01/27/2010

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 132 HP DEUTZ MODEL BF6L913 6-CYLINDER DIESEL-FIRED LOW-USE IC ENGINE POWERING A 100 TON/HOUR POWERSCREEN MODEL TROMMEL 830 ROTARY SCREEN: ROUTINE REPLACEMENT OF AN EXISTING 132 HP ENGINE WITH A TRANSPORTABLE 140 BHP DEUTZ MODEL TCD 2012L06 SERIAL NO. 10742272 TIER 3 DIESEL-FIRED IC ENGINE

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. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. 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]
5. Visible emissions from the screen shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
6. 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]
7. 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]
8. This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702]

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 for

DAVID WARNER, Director of Permit Services

C-447-23-3: Jan 27 2010 11:54AM - BRARG : Joint Inspection NOT Required

9. Engine operations shall not exceed 18 hours/day. [District Rule 2201]
10. Operation of this engine shall not exceed 1,000 hours per year. [District Rule 2201]
11. 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]
12. Emissions from the IC engine shall not exceed any of the following limits: 2.71 g-NOx/bhp-hr, 0.67 g-CO/bhp-hr, or 0.19 g-VOC/bhp-hr. [District Rules 2201 and 4702]
13. Emissions from the IC engine shall not exceed 0.05 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4702]
14. PM10 emissions from the Trommel screen shall not exceed 0.0022 lb/ton. [District Rule 2201]
15. During periods of operation, 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]
16. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
17. The permittee shall maintain records of daily and annual hours of operation. [District Rule 2201]
18. 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]

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	SOx	PM10	CO	VOC
C-447-23-4	-1,228	-48	-101	-491	0
TOTAL	-1,228	-48	-101	-491	0

ATTACHMENT D

Application

San Joaquin Valley Air Pollution Control District

www.valleyair.org

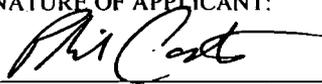
RECEIVED

FEB 17 2010

Permits Srvc
SJVAPCD

Permit Application For:

- AUTHORITY TO CONSTRUCT (ATC) - New Emission Unit
- AUTHORITY TO CONSTRUCT (ATC) - Modification Of Emission Unit With Valid PTO/Valid ATC
- AUTHORITY TO CONSTRUCT (ATC) - Renewal of Valid Authority to Construct
- PERMIT TO OPERATE (PTO) - Existing Emission Unit Now Requiring a Permit to Operate

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>CA</u> ZIP CODE: <u>93727</u> 9-DIGIT	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>same as above</u> CITY: _____ _____/4 SECTION _____ TOWNSHIP _____ RANGE _____	WITHIN 1,000 FT OF A SCHOOL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO S.I.C. CODE(S) OF FACILITY (if known): _____
4. GENERAL NATURE OF BUSINESS: Production of wine, brandy and concentrates	INSTALL DATE: Engine targeted for replacement and startup during 1Q10
5. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC (if yes, please complete and attach a Compliance Certification form (TVFORM-009)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
6. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Request minor permit modification for engine associated with Trommel Screen (C-447-23). Minor permit modification submitted prior to emissions unit startup. Please see completed Compliance Certification form and authority to construct permit .	
7. PERMIT REVIEW PERIOD: Do you request a three- or ten-day period to review the draft Authority to Construct permit? Please note that checking "YES" will delay issuance of your final permit by a corresponding number of working days. See instructions for more information on this review process. <input type="checkbox"/> 3-day review <input type="checkbox"/> 10-day review <input checked="" type="checkbox"/> No review requested	
8. HAVE YOU EVER APPLIED FOR AN ATC OR PTO IN THE PAST? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, ATC/PTO #: <u>C-447</u>	Optional Section II. DO YOU WANT TO PARTICIPATE IN EITHER OF THE FOLLOWING VOLUNTARY PROGRAMS: "HEALTHY AIR LIVING (HAL)" <input type="checkbox"/> Yes, please send info "INSPECT" <input checked="" type="checkbox"/> Yes, please send info  
9. IS THIS APPLICATION FOR THE CONSTRUCTION OF A NEW FACILITY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes" is checked, please complete the CEQA Information form)	
10. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, NOV/NTC #: _____	
12. TYPE OR PRINT NAME OF APPLICANT: Phil Castro	TITLE OF APPLICANT: Plant Manager-Fresno Winery
13. SIGNATURE OF APPLICANT: 	DATE: <u>02/16/10</u> PHONE #: (559) 458-2417 FAX #: (559) 458-2410 E-MAIL: phil.castro@ejgallo.com

FOR APCD USE ONLY:

DATE STAMP:	FILING FEE RECEIVED: \$ <u>Ø</u> CHECK #: _____
	DATE PAID: _____
	PROJECT #: <u>C-1100449</u> FACILITY ID: <u>C-447</u>

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 checked="" type="checkbox"/> Corporation <input 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: 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:



02/16/10

Signature of Responsible Official

Date

Phil Castro

Name of Responsible Official (please print)

Plant Manager - Fresno Winery

Title of Responsible Official (please print)

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

ATTACHMENT E

Previous Title V Operating Permit No.

C-447-23-0

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-447-23-0

EXPIRATION DATE: 06/30/2007

EQUIPMENT DESCRIPTION:

132 HP DEUTZ MODEL BF6L913 6-CYLINDER DIESEL-FIRED LOW-USE IC ENGINE POWERING A 100 TON/HOUR POWERSCREEN MODEL TROMMEL 830 ROTARY SCREEN

PERMIT UNIT REQUIREMENTS

1. The sulfur content of the diesel fuel used shall not exceed 0.05% by weight. [District NSR Rule]
2. Operation of this engine is limited to no more than 1,000 hours in any one calendar year for all purposes combined. [District Rule 4701]
3. This engine shall be equipped with a non-resettable, totalizing, hour meter. [District Rule 4701]
4. This engine shall be equipped with a turbocharger and with an aftercooler or intercooler. [District Rule 2201]
5. This engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
6. The permittee shall maintain records of daily hours of operation and of the sulfur content of the diesel fuel used. Records shall be retained for at least two years and shall be made available to District staff upon request. [District Rule 2201]
7. Visible emissions from the screen shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
8. Engine operations shall not exceed 18 hours/day. [District Rule 2201]
9. Emissions from the engine shall not exceed any of the following limits: 7.1 g-NOx/bhp-hr; 2.4 g-CO/bhp-hr; 0.8 g-VOC/bhp-hr; or 0.40 g-PM10/bhp-hr. [District Rule 2201]
10. PM10 emissions from the Trommel screen shall not exceed 0.0022 lb/ton. [District Rule 2201]
11. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
12. 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.