



JUN 13 2013

Mr. Ed Ewan
CSATF/CA Substance Abuse Treatment Facility
PO Box 7100
Corcoran, CA 93212

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-4352
Project # C-1122401**

Dear Mr. Ewan:

Enclosed for your review is the District's analysis of CSATF/CA Substance Abuse Treatment Facility's application for the Federally Mandated Operating Permit for its operation at 900 Quebec Ave, Corcoran, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

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

cc: Mike Tollstrup, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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4800 Enterprise Way
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Tel: (209) 557-6400 FAX: (209) 557-6475

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**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED ISSUANCE OF
FEDERALLY MANDATED OPERATING PERMITS**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed issuance of the Federally Mandated Operating permits to CSATF/CA Substance Abuse Treatment Facility at 900 Quebec Ave, Corcoran, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1122401, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and at any District office. There are no emission changes associated with this proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed Federally Mandated Operating initial permits. If requested, the District will hold a public hearing regarding issuance of this initial permit. For additional information, please contact the District at (559) 230-6000. Written comments on the proposed initial permit must be submitted by July 18, 2013 to **DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.**

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

CSATF/CA Substance Abuse Treatment Facility

PROPOSED ENGINEERING EVALUATION

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TITLE V APPLICATION REVIEW

Project #: C-1122401
Deemed Complete: August 2, 2012

Engineer: Juscelino Siongco
Date: April 30, 2013

Facility Number: C-4352
Facility Name: CSATF/CA Substance Abuse Treatment Facility
Mailing Address: PO Box 7100
Corcoran, CA 93212

Contact Name: Ed Ewan
Phone: (559) 992-7100 x7124

Responsible Official: Ed Ewan
Title: Correctional Plant Manager II

I. PROPOSAL

CSATF/CA Substance Abuse Treatment Facility is proposing that an initial Title V permit be issued for its correctional facility at 900 Quebec Avenue, Kings County, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

II. FACILITY LOCATION

CSATF/CA Substance Abuse Treatment Facility is located at 900 Quebec Avenue in Corcoran, Kings County, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is shown in Attachment A.

A summary of the exempt equipment categories which describe the insignificant activities or equipment at the facility not requiring a permit is shown in Attachment B. This equipment is not exempt from facility-wide requirements.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant has chosen to not use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant has not requested to utilize any model general permit templates. Therefore, the proposed permit in its entirety is subject to EPA and public review.

VI. REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

The applicant proposes not to utilize any model general permit templates. All applicable requirements are explicitly addressed in the permit outside of the general permit templates.

VII. REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1081, Source Sampling (Amended December 16, 1993)

District Rule 1100, Equipment Breakdown (Amended December 17, 1992) (Non-SIP replacement for Kings County Rule 111)

District Rule 1160, Emission Statements (Adopted November 18, 1992)

District Rule 2010, Permits Required (Amended December 17, 1992)

District Rule 2020, Exemptions (Amended August 18, 2011)

District Rule 2031, Transfer of Permits (Amended December 17, 1992)

District Rule 2040, Applications (Amended December 17, 1992)

District Rule 2070, Standards for Granting Applications (Amended December 17, 1992)

District Rule 2080, Conditional Approval (Amended December 17, 1992)

District Rule 2201, New and Modified Stationary Source Review Rule (Amended April 21, 2011)

District Rule 2410, Prevention of Significant Deterioration (Adopted June 16, 2011)

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

District Rule 4101, Visible Emissions (Amended February 17, 2005)

District Rule 4201, Particulate Matter Concentration (Amended December 17, 1992)

District Rule 4301, Fuel Burning Equipment (December 17, 1992)

District Rule 4311, Flares (Amended June 18, 2009)

District Rule 4601, Architectural Coatings (Amended December 17, 2009)

District Rule 4612, Motor Vehicle and Mobile Equipment Coating Operations (Amended October 21, 2010)

District Rule 4621, Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants (Amended December 20, 2007)

District Rule 4622, Gasoline Transfer into Motor Vehicle Fuel Tanks (Amended December 20, 2007)

District Rule 4701, Internal Combustion Engines – Phase 1 (Amended August 21, 2003)

District Rule 4702, Internal Combustion Engines (Amended August 18, 2011)

District Rule 4801, Sulfur Compounds (Amended December 17, 1992) (Non-SIP replacement for Kings County Rule 407)

District Rule 8011, General Requirements (Amended August 19, 2004)

District Rule 8021, Construction, Demolition, Excavation, and Other Earthmoving Activities (Amended August 19, 2004)

District Rule 8031, Bulk Materials (Amended August 19, 2004)

District Rule 8041, Carryout and Trackout (Amended August 19, 2004)

District Rule 8051, Open Areas (Amended August 19, 2004)

District Rule 8061, Paved and Unpaved Roads (Amended August 19, 2004)

District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (Amended September 16, 2004)

40 CFR Part 60, Subpart A, General Provisions

40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

40 CFR Part 61, Subpart M, National Emission Standard for Asbestos

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

40 CFR Part 64, Compliance Assurance Monitoring (CAM)

40 CFR Part 82, Subpart B and F, Stratospheric Ozone

VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

This facility is subject to the following rules that are not currently federally enforceable:

District Rule 4102 – Nuisance

This rule prevents the discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such person or the public or which cause or have a natural tendency to cause injury or damage to business or property.

C-4352-0-1 – Facility-Wide Requirements

- Condition 42 on the proposed permit complies with this rule.

Title 17 California Code of Regulations (CCR), Section 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression-Ignition (CI) Engines

The purpose of this ATCM is to reduce diesel particulate matter (PM) and criteria pollutant emissions from stationary diesel-fueled compression ignition engines.

- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 1, 2, 8, 13, 14, and 15 on the requirements for this permit unit comply with this rule.
- b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 1, 2, 8, 13, 14, and 15 on the requirements for this permit unit comply with this rule.
- c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 1, 2, 8, 13, 14, and 15 on the requirements for this permit unit comply with this rule.
- d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

- Conditions 1, 2, 8, 13, 14, and 15 on the requirements for this permit unit comply with this rule.
- e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Conditions 1, 4, 8, 12, 13, and 14 on the requirements for this permit unit comply with this rule.
- f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Conditions 1, 4, 6, 8, 9, 10, and 11 on the requirements for this permit unit comply with this rule.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

The applicant proposes not to utilize any model general permit templates. All applicable requirements are addressed in the following sections.

B. Requirements Not Addressed by Model General Permit Templates

1. District Rule 1100 – Equipment Breakdown

This rule defines a breakdown condition and the procedures to follow if one occurs. The corrective action, the issuance of an emergency variance, and the reporting requirements are also specified. Sections 6.0 and 7.0 prescribe breakdown procedures and reporting requirements. District Rule 1100 has been submitted to the EPA to replace Kings County Rule 111 that is in the State Implementation Plan (SIP). District Rule 1100 is at least as stringent as the county SIP rule addressing breakdowns, as shown in following.

Comparison of District Rule 1100 to Kings County Rule 111

REQUIREMENTS	District Rule 1100	Kings County Rule 111
A breakdown occurrence must be reported as soon as reasonably possible but no later than 1 hour after detection.	X	X
A variance must be obtained if the occurrence will last longer than a production run or 24 hours, whichever is shorter (96 hours for CEM systems).	X	X
A report must be submitted to the APCO within 10 days of the correction of the breakdown occurrence which includes:	X	X
1) A statement that the breakdown condition has been corrected, together with the date of correction and proof of compliance.	X	X
2) A specific statement of the reason(s) or cause(s) for the occurrence sufficient to enable the APCO to determine whether the occurrence was a breakdown condition.	X	X
3) A description of the corrective measures undertaken and/or to be undertaken to avoid such an occurrence in the future.	X	
4) Pictures of the equipment or controls which failed if available.	X	

C-4352-0-1: Facility-Wide Requirements

- Conditions 3 and 4 on the requirements for the proposed permit comply with this rule.

2. District Rule 1160 – Emission Statements

The purpose of this rule is to provide the District with an accurate accounting of emissions from significant sources with which the District and California EPA Air Resources Board (ARB) can compile an accurate inventory. Section 5.0 requires the owner or operator of any stationary source to provide the District with a written emissions statement showing actual emissions of reactive organic gases (ROGs) and nitrogen oxides (NOx) from that source. The District waives this requirement for sources emitting less than 25 tons per year of these pollutants if the District provides the Air Resources Board (ARB) with an emissions inventory of sources emitting greater than 10 tons per year of NOx or ROGs based on the use of emission factors acceptable to the ARB.

C-4352-0-1: Facility-Wide Requirements

- Condition 5 on the requirements for the proposed permit complies with this rule.

3. District Rule 2010 – Permits Required

District Rule 2010 sections 3.0 and 4.0 require any person building, modifying or replacing any operation that may cause the issuance of air contaminants to apply for an Authority to Construct (ATC) from the District in advance. The ATC will remain in effect until the Permit to Operate (PTO) is granted.

C-4352-0-1: Facility-Wide Requirements

- Condition 6 on the requirements for the proposed permit complies with this rule.

4. District Rule 2020 – Exemptions

District Rule 2020 lists equipment which is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions.

C-4352-0-1: Facility-Wide Requirements

- Condition 6 on the requirements for the proposed permit complies with this rule.

5. District Rule 2031 – Transfer of Permits

This rule requires a permit to operate or an authority to construct shall not be transferable, whether by operation of law or otherwise, from one location to another, from one piece of equipment to another, or from one person to another, unless a new application is filed with and approved by the APCO.

C-4352-0-1: Facility-Wide Requirements

- Condition 8 on the requirements for the proposed permit complies with this rule.

6. District Rule 2040 – Applications

The purpose of this rule is to explain the procedures for filing, denying, and appealing the denial of applications for an Authority to Construct or a Permit to Operate.

C-4352-0-1: Facility-Wide Requirements

- Condition 9 on the requirements for the proposed permit complies with this rule.

7. District Rule 2070 – Standards for Granting Applications

The purpose of this rule is to explain the standards by which an APCO may deny an application for an Authority to Construct or Permit to Operate. Any source operation must be constructed and operated in accordance with Rule 2201 (New and Modified Stationary Source Review Rule), Rule 4001 (New Source Performance Standards), and Rule 4002 (National Emissions Standards for Hazardous Air Pollutants), the Authority to Construct, and the Permit to Operate.

C-4352-0-1: Facility-Wide Requirements

- Condition 7 on the requirements for the proposed permit complies with this rule.

8. District Rule 2080 – Conditional Approval

The purpose of this rule is to grant authority to the APCO to issue or revise specific written conditions on an Authority to Construct or a Permit to Operate to assure compliance with air contaminant emission standards or limitations.

C-4352-0-1: Facility-Wide Requirements

- Condition 7 on the requirements for the proposed permit complies with this rule.

9. District Rule 2201 – New and Modified Stationary Source Review Rule

The permit unit is subject to the District Rule 2201 upon application for Authority to Construct (ATC). In accordance with the White Paper for Streamlined Development of Part 70 Permit Applications, dated July 10, 1995, conditions from the resulting Permit to Operate (PTO) were addressed to define how NSR permit terms should be incorporated into the Title V permit.

a. C-4352-0-1: Facility-Wide Requirements

- Conditions 1 and 2 from the current PTO have been included as conditions 1 and 2 on the requirements for the proposed permit. The total combined annual emissions limit for NO_x has been clarified as calculated on a 12-month rolling basis.

b. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
- Condition 2 from the current PTO has been included as condition 16 on the requirements for the proposed permit.
- Conditions 3, 4, 5, and 6 from the current PTO have been included as conditions 1, 2, 3, and 4 on the requirements for the proposed permit.
- Conditions 7 and 8 from the current PTO have been moved to the Facility-Wide permit as conditions 42 and 24, respectively.
- Conditions 9 through 19 from the current PTO have been included as conditions 5 through 15 on the requirements for the proposed permit.

c. C-4352-3-6: Gasoline Dispensing Operation with One 10,000 Gallon Underground Storage Tank Served by OPW Phase I Vapor Recovery System, Single Fill Configuration (VR-102-E) and 1 Fueling Points with 1 Gasoline Dispensing Nozzle Served by Healy EVR Phase II Vapor Recovery System (Not Including ISD) (VR-201-A)

- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
- Condition 2 from the current PTO has been included as condition 1 on the requirements for the proposed permit. The combined VOC emissions limit has been clarified to be calculated on a 12-month rolling basis.
- Conditions 3 through 8 from the current PTO have been included as conditions 2 through 7 on the requirements for the proposed permit.
- Condition 9 from the current PTO has been moved to the Facility-Wide permit as condition 42.
- Conditions 10 through 38 from the current PTO have been included as conditions 8 through 36 on the requirements for the proposed permit.

- d. C-4352-4-2: 80 MMBtu/hr Hugh Dean Above Ground LPG Flare Used During Calibration of Standby LPG Fuel System
- Condition 1 from the current PTO has been included as condition 17 on the requirements for the proposed permit.
 - Conditions 2 through 5 from the current PTO have been moved to the Facility-Wide permit as conditions 1, 2, 42, and 24, respectively.
 - Conditions 6 through 10 from the current PTO have been included as conditions 1 through 5 on the requirements for the proposed permit.
- e. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 16 on the requirements for the proposed permit.
 - Conditions 3, 4, 5, and 6 from the current PTO have been included as conditions 1, 2, 3, and 4 on the requirements for the proposed permit.
 - Conditions 7 and 8 from the current PTO have been moved to the Facility-Wide permit as conditions 42 and 24, respectively.
 - Conditions 9 through 19 from the current PTO have been included as conditions 5 through 15 on the requirements for the proposed permit.
- f. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 16 on the requirements for the proposed permit.
 - Conditions 3, 4, 5, and 6 from the current PTO have been included as conditions 1, 2, 3, and 4 on the requirements for the proposed permit.
 - Conditions 7 and 8 from the current PTO have been moved to the Facility-Wide permit as conditions 42 and 24, respectively.
 - Conditions 9 through 19 from the current PTO have been included as conditions 5 through 15 on the requirements for the proposed permit.

- g. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 16 on the requirements for the proposed permit.
 - Conditions 3, 4, 5, and 6 from the current PTO have been included as conditions 1, 2, 3, and 4 on the requirements for the proposed permit.
 - Conditions 7 and 8 from the current PTO have been moved to the Facility-Wide permit as conditions 42 and 24, respectively.
 - Conditions 9 through 19 from the current PTO have been included as conditions 5 through 15 on the requirements for the proposed permit.
- h. C-4352-8-2: Woodworking Operation Served by a 4,600 CFM American Air Filter Model AR-60 Dust Collector
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 9 on the requirements for the proposed permit.
 - Conditions 3, 4, and 5 from the current PTO have been moved to the Facility-Wide permit as conditions 2, 42, and 24, respectively.
 - Conditions 6 through 13 from the current PTO have been included as conditions 1 through 8 on the requirements for the proposed permit.
- i. C-4352-9-2: 22.5 hp Woodworking Operation Served by a 3,400 CFM 7.5 hp American Air Filter Model AR-45 Dust Collector
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 9 on the requirements for the proposed permit.
 - Conditions 3 and 4 from the current PTO have been moved to the Facility-Wide permit as conditions 2 and 42, respectively.
 - Conditions 5 through 12 from the current PTO have been included as conditions 1 through 8 on the requirements for the proposed permit.

- j. C-4352-10-2: 71 hp Woodworking Operation Served by a 10,000 CFM 30 hp American Air Filter Model AB-75 Dust Collector
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 9 on the requirements for the proposed permit.
 - Conditions 3 and 4 from the current PTO have been moved to the Facility-Wide permit as conditions 2 and 42, respectively.
 - Conditions 5 through 12 from the current PTO have been included as conditions 1 through 8 on the requirements for the proposed permit.
- k. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 15 on the requirements for the proposed permit.
 - Conditions 3 and 4 from the current PTO have been included as conditions 1 and 2 on the requirements for the proposed permit.
 - Condition 5 from the current PTO has been moved to the Facility-Wide permit as condition 42.
 - Condition 6 from the current PTO has been included as condition 3 on the requirements for the proposed permit.
 - Condition 7 from the current PTO has been moved to the Facility-Wide permit as condition 24.
 - Conditions 8 through 18 from the current PTO have been included as conditions 4 through 14 on the requirements for the proposed permit.
- l. C-4352-17-3: Motor Vehicle and Mobile Equipment Coating Operation with HVLP Spray Gun(s), a Paint Spray Booth, an Enclosed Gun Cleaner, and 1.165 MMBtu/hr Heater
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Condition 2 from the current PTO has been included as condition 16 on the requirements for the proposed permit.
 - Conditions 3 and 4 from the current PTO have been moved to the Facility-Wide permit as conditions 2 and 42, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit. The combined VOC

emissions limit has been clarified to be calculated on a 12-month rolling basis.

- Conditions 6 through 19 from the current PTO have been included as conditions 2 through 15 on the requirements for the proposed permit.
- m. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump
- Condition 1 from the current PTO has been moved to the Facility-Wide permit as condition 1.
 - Conditions 2 and 3 from the current PTO have been included as conditions 1 and 2 on the requirements for the proposed permit.
 - Condition 4 from the current PTO has been moved to the Facility-Wide permit as condition 42.
 - Condition 5 from the current PTO has been included as condition 3 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been moved to the Facility-Wide permit as condition 24.
 - Conditions 7 through 14 from the current PTO have been included as conditions 4 through 11 on the requirements for the proposed permit.

10. District Rule 2410 – Prevention of Significant Deterioration

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

There are no PSD requirements for this source. Therefore, the facility is not subject to this rule and no further discussion is required.

11. District Rule 2520 – Federally Mandated Operating Permits

The purpose of this rule is to provide for the following: An administrative mechanism for issuing operating permits for new and modified sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for issuing renewed operating permits for sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for revising, reopening, revoking, and terminating operating permits for sources of air contaminants in

accordance with requirements of 40 CFR Part 70. An administrative mechanism for incorporating requirements authorized by preconstruction permits issued under District Rule 2201 (New and Modified Stationary Source Review) in a Part 70 permit as administrative amendments, provided that such permits meet procedural requirements substantially equivalent to the requirements of 40 CFR 70.7 and 70.8, and compliance requirements substantially equivalent to those contained in 40 CFR 70.6. The applicable federal and local requirements to appear on a single permit.

Section 5.2 requires permittee submit applications for Title V permit renewal at least six months prior to permit expiration.

C-4352-0-1: Facility-Wide Requirements

- Condition 39 on the requirements for the proposed permit complies with this rule.

Section 9.0 of District Rule 2520 requires certain elements to be contained in each Title V permit:

Section 9.1.1 of District Rule 2520 requires all conditions on Title V permits specify a reference of the origin of an authority for each term or condition, and identify any difference in form as compared to the applicable requirements upon which the term or condition is based.

C-4352-0-1: Facility-Wide Requirements

- Condition 40 on the requirements for the proposed permit complies with this rule.

Section 9.4 contains requirements to incorporate all applicable recordkeeping requirements into the Title V permit. This section also specifies records of any required monitoring and support data be kept for a period of five years.

C-4352-0-1: Facility-Wide Requirements

- Conditions 10 and 11 on the requirements for the proposed permit comply with this rule.

Section 9.5 requires the submittal of monitoring reports at least every six months. Prompt reporting of deviations from permitting requirements, including those attributable to upset conditions is also required. The responsible official must certify all required reports.

C-4352-0-1: Facility-Wide Requirements

- Conditions 12 and 13 on the requirements for the proposed permit comply with this rule.

Section 9.7 states that the Title V permit must also contain a severability clause in case of a court challenge.

C-4352-0-1: Facility-Wide Requirements

- Condition 14 on the requirements for the proposed permit complies with this rule.

Section 9.8 contains requirements for provisions in the Title V permit stating 1) the permittee must comply with all permit conditions; 2) the permitted activity should not be reduced in order to comply with the permit conditions. Further, this reasoning shall not be used as a defense in an enforcement action, 3) the permit may be revoked, modified, reissued, or reopened for cause, 4) the Title V permit does not reflect any property rights, and 5) the permittee will furnish the District with any requested information to determine compliance with the conditions of the Title V permit.

C-4352-0-1: Facility-Wide Requirements

- Conditions 15 through 18 on the requirements for the proposed permit comply with this rule.

Section 9.9 requires the permit specify that the permittee pay annual permit fees and applicable fees from District Rules 3010, 3030, 3050, 3080, 3090, 3110, and 3120.

C-4352-0-1: Facility-Wide Requirements

- Conditions 7 and 19 on the requirements for the proposed permit comply with this rule.

Section 9.13.1 requires any report or document submitted under a permit requirement or a request for information by the District or EPA contain a certification by a responsible official as to truth, accuracy, and completeness.

C-4352-0-1: Facility-Wide Requirements

- Conditions 7 and 28 on the requirements for the proposed permit comply with this rule.

Section 9.13.2 contains inspection and entry requirements that allows an authorized representative of the District to enter a permittee's premises to inspect equipment, operations, work practices, permits on file, and to sample substances or monitor parameters for the purpose of assuring compliance with the permit requirements.

C-4352-0-1: Facility-Wide Requirements

- Conditions 20, 21, 22, and 23 on the requirements for the proposed permit comply with this rule.

Section 9.16 requires that the permittee submit certification of compliance with the terms and standards of Title V permits to the EPA and the District annually (or more frequently as required by the applicable requirement or the District).

C-4352-0-1: Facility-Wide Requirements

- Condition 38 on the requirements for the proposed permit complies with this rule.

Section 10.0 requires any application form, report, or compliance certification submitted pursuant to these regulations shall contain certification of truth, accuracy, and completeness by a responsible official.

C-4352-0-1: Facility-Wide Requirements

- Condition 28 on the requirements for the proposed permit complies with this rule.

Greenhouse Gas Requirements

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

12. District Rule 4101 – Visible Emissions

The purpose of this rule is to prohibit the emissions of visible air contaminants to the atmosphere. Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

C-4352-0-1: Facility-Wide Requirements

- Condition 24 on the requirements for the proposed permit complies with this rule.

13. District Rule 4201 – Particulate Matter Concentration

The purpose of this rule is to protect the ambient air quality by establishing a particulate matter emission standard. Section 3.1 requires emissions to be at or below 0.1 grains of particulate matter per dry standard cubic foot of exhaust gas.

Woodworking Operations

In 1997, South Coast Air Quality Management District conducted a series of source tests for PM, PM10, and PM2.5 at various large woodworking facilities. At this time, these data are the most representative data available for woodworking operations. A table summarizing the data is as follows.

Woodworking Emissions Factors		
Control	PM10 Emissions (gr/dscf)	Source
Uncontrolled ¹	0.05	South Coast AQMD source test
Cyclone	0.005	South Coast AQMD source test
Portable dust collector with a filter bag rated to collect particles 2.5 microns and larger	0.003	Calculated emissions factor based on South Coast AQMD source test

¹An example of an uncontrolled source where this emission factor would be appropriate is a portable dust collector where the filter bag is rated to collect particles only greater than 10 microns.

The two woodworking operations in this facility are equipped with dust collectors with fabric filters. Assuming all PM₁₀ is PM, South Coast AQMD source test shows that the portable dust collector emission factor is less than 0.1 gr/dscf. Therefore, both woodworking emissions units comply with this rule.

- a. C-4352-8-2: Woodworking Operation Served by a 4,600 CFM American Air Filter Model AR-60 Dust Collector
 - Condition 1 on the proposed permit complies with this rule.
- b. C-4352-9-2: 22.5 hp Woodworking Operation Served by a 3,400 CFM 7.5 hp American Air Filter Model AR-45 Dust Collector
 - Condition 1 on the proposed permit complies with this rule.
- c. C-4352-10-2: 71 hp Woodworking Operation Served by a 10,000 CFM 30 hp American Air Filter Model AB-75 Dust Collector
 - Condition 1 on the proposed permit complies with this rule.

Diesel-Fired Emergency Internal Combustion Engines

Results from source tests of diesel-fired internal combustion (IC) engines generally indicate emission rates from these units are less than the allowable limit of 0.1 grain/dscf. Of the tests available, most were in the range of 0.042 to 0.061 grain/dscf, with a low of 0.020 grain/dscf, and a high of 0.092 grain/dscf. However, although the above testing is sufficient to assume that IC engines in this project comply with the 0.1 grain/dscf limit, the data is insufficient to prove compliance in all cases. There is an exemption from source testing for "Nonutility distillate-oil-fueled emergency piston-type IC engines." Per the CAPCOA/CARB/EPA IX Title V Periodic Monitoring Recommendations memo, dated July 2001, the District's grain loading limit of 0.1 grain/dscf does not need to be source tested as long as the following conditions are required in the Permit to Operate:

- 1) Engine usage is limited to maintenance, testing, and time of actual unforeseen emergencies.
- 2) Usage for maintenance and testing is not to exceed 200 hours per year.
- 3) Maintain records of all engine usage and maintenance.

- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 5, 8, and 13 on the proposed permit assure compliance with this rule.
- b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 5, 8, and 13 on the proposed permit assure compliance with this rule.
- c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 5, 8, and 13 on the proposed permit assure compliance with this rule.
- d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 5, 8, and 13 on the proposed permit assure compliance with this rule.
- e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 3, 8, and 12 on the proposed permit assure compliance with this rule.
- f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump
 - Conditions 3, 6, and 10 on the proposed permit assure compliance with this rule.

14. District Rule 4301 – Fuel Burning Equipment

The rule limits the emissions of air contaminants from fuel burning equipment by limiting the concentration of combustion contaminants and

specifies maximum emission rates for sulfur dioxide, nitrogen oxides and combustion contaminant emissions.

§5.0 Requirements

§5.1 A person shall not discharge into the atmosphere combustion contaminants exceeding in concentration at the point of discharge, 0.1 grain per cubic foot of gas calculated to 12% of carbon dioxide at dry standard conditions.

C-4352-4-2: 80 MMBtu/hr Hugh Dean Above Ground LPG Flare Used During Calibration of Standby LPG Fuel System

- Condition 1 on the proposed permit assures compliance with this rule.

15. District Rule 4311 – Flares

The rule limits the emissions of volatile organic compounds (VOC), oxides of nitrogen (NO_x), and sulfur oxides (SO_x) from the operation of flares. This rule is applicable to operations involving the use of flares.

§5.0 states requirements for any source subject to this rule.

§5.1 Flares that are permitted to operate only during an emergency are not subject to the requirements of §5.6 and 5.7.

§5.2 The flame shall be present at all times when combustible gases are vented through the flare.

§5.3 The outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares.

§5.4 Except for flares equipped with a flow-sensing ignition system, a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an alternative equivalent device, capable of continuously detecting at least one pilot flame or the flare flame is present shall be installed and operated.

§5.5 Flares that use flow-sensing automatic ignition systems and which do not use a continuous flame pilot shall use purge gas for purging.

§5.6 Open flares (air-assisted, steam-assisted, or non-assisted) in which the flare gas pressure is less than 5 psig shall be operated in such a manner that meets the provisions of 40 CFR 60.18.

The flare gas pressure is between 12 and 14 psig which is greater than 5 psig when the LPG/air mixture is vented to the flare during calibration of the system. Therefore, the provisions of 40 CFR 60.18 are not applicable.

§5.7 Ground-level enclosed flares shall meet the following emission standards:

Without Steam-Assist	VOC (lb/MMBtu)	NO _x (lb/MMBtu)
10–100 MMBtu/hr	0.0027	0.1330

The 80 MMBtu/hr Hugh Dean above ground LPG flare is not an enclosed flare and is not subject to these emission standards.

§5.8 Flare Minimization Plan requires that flaring is prohibited unless it is consistent with an approved flare minimization plan (FMP), pursuant to Section 6.5, and all commitments listed in that plan have been met.

§5.9 Petroleum Refinery SO₂ Performance Targets.

This facility is not a petroleum refinery and is not subject to this section.

§5.10 The operator of a flare subject to flare minimization requirements pursuant to Section 5.8 shall monitor the vent gas flow to the flare with a flow measuring device or other parameters as specified in the Permit to Operate. The operator shall maintain records pursuant to Section 6.1.7. Flares that the operator can verify, based on permit conditions, are not capable of producing reportable flare events pursuant to Section 6.2.2 shall not be required to monitor vent gas flow to the flare.

§5.11 The operator of a petroleum refinery or a flare with a flaring capacity equal to or greater than 50 MMBtu/hr shall monitor the flare pursuant to Sections 6.6, 6.7, 6.8, 6.9, and 6.10.

When the correct LPG/air mixture is obtained as indicated by the ignition of the mixture in the flare, the flare is shutdown. Therefore, there is not enough time to implement the monitoring required by Sections 6.6, 6.7, 6.8, 6.9, and 6.10. Therefore, the requirements are not applicable.

§6.0 Administrative Requirements

§6.1 Recordkeeping requires that the following records shall be maintained, retained on-site for a minimum of five years, and made available to the APCO, ARB, and EPA upon request:

§6.1.1 Copy of the compliance determination conducted.

§6.1.2 Copy of the source testing result conducted.

§6.1.3 For flares used during an emergency, record of the duration of flare operation, amount of gas burned, and the nature of the emergency situation.

§6.1.4 Operators claiming an exemption shall record annual throughput, material usage, or other information necessary to demonstrate an exemption under that section.

§6.1.5 A copy of the approved flare minimization plan.

§6.1.6 Where applicable, a copy of annual reports submitted to the APCO.

§6.1.7 Where applicable, monitoring data collected.

§6.2 Flare Reporting

§6.2.1 Unplanned Flaring Event – The operator of a flare subject to flare minimization plans shall notify the APCO of an unplanned flaring event within 24 hours after the start of the next business day or within 24 hours of their discovery, whichever occurs first. The notification shall include the flare source identification, the start date and time, and the end date and time.

§6.2.2 Reportable Flaring Event – The operator of a flare subject to flare minimization plans shall submit an annual report to the APCO that summarizes all Reportable Flaring Events that occurred during the previous 12 month period. The report shall be submitted within 30 days following the end of the twelve month period of the previous year. The report shall include, but is not limited to all of the following: the results of an investigation to determine the primary cause and contributing factors of the flaring event; any prevention measures considered or implemented to prevent recurrence together with a justification for rejecting any measures that were considered but not implemented; if appropriate, an explanation of why the flaring was an emergency and necessary to prevent accident, hazard or release of vent gas to the atmosphere, or where, due to a regulatory mandate to vent a flare, it cannot be recovered, treated and used as a fuel gas at the facility; and the date, time, and duration of the flaring event.

§6.2.3 Annual Monitoring Report – The operator of a flare subject to flare monitoring requirements shall submit an annual report to the APCO within 30 days following the end of each 12 month period.

§6.4 Compliance Determination

§6.4.1 Upon request, the operator of flares shall make available, to the APCO, the compliance determination records that demonstrate compliance with the provisions of 40 CFR 60.18, (c)(3) through (c)(5).

As state above, the flare is not subject to 40 CFR 60.18. Therefore compliance demonstration records for 40 CFR 60.18 are not applicable.

§6.5 Flare Minimization Plan

§6.5.1 The operator of a petroleum refinery flare or any flare that has a flaring capacity of greater than or equal to 5.0 MMBtu per hour shall submit a flare minimization plan (FMP) to the APCO for approval.

C-4352-4-2: 80 MMBtu/hr Hugh Dean Above Ground LPG Flare Used During Calibration of Standby LPG Fuel System

- Conditions 6 through 16 on the proposed permit assure compliance with this rule.

16. District Rule 4601 – Architectural Coatings

This rule limits the emissions of VOCs from architectural coatings. It requires limiting the application of any architectural coating to no more than what is listed in the Table of Standards (Section 5.0). This rule further specifies labeling requirements, coatings thinning recommendations and storage requirements.

C-4352-0-1: Facility-Wide Requirements

- Conditions 25, 26, and 27 on the requirements for the proposed permit comply with this rule.

17. District Rule 4612 – Motor Vehicle and Mobile Equipment Coating Operations

The purpose of this rule is to limit volatile organic compound (VOC) emissions from coatings of motor vehicles, mobile equipment, and associated parts and components, and associated organic solvent cleaning, storage, and disposal.

§5.1 Coating Limits: No person shall apply to any motor vehicle, mobile equipment, or associated parts and components, any coating with a VOC regulatory content in excess of the applicable limits in the following table.

Table 1 - VOC Content Limits for Coatings	
Coating Category	VOC Regulatory Limit, as applied, in grams per liter
	(pounds per gallon)
Adhesion Promoter	540 (4.5)
Clear Coating	250 (2.1)
Color Coating	420 (3.5)
Multi-Color Coating	680 (5.7)
Pretreatment Coating	660 (5.5)
Primer	250 (2.1)
Primer Sealer	250 (2.1)
Single-Stage Coating	340 (2.8)
Temporary Protective Coating	60 (0.5)
Truck Bed Liner Coating	310 (2.6)
Underbody Coating	430 (3.6)
Uniform Finish Coating	540 (4.5)
Any other coating type	250 (2.1)

§5.7 Coating Application Method

No person shall apply any coating to any motor vehicle, mobile equipment, or associated parts and components unless one of the following application methods is used: brush, dip, or roller; electrostatic spray; or high-Volume Low-Pressure (HVLV) spray equipment.

§5.8 Organic Solvent Cleaning Requirements

§5.8.1 For solvent cleaning operations other than for bug and tar removal, a person shall not use solvents that have VOC content greater than 25 grams VOC per liter of cleaning material.

§5.8.2 For bug and tar removal, a person shall not use any material other than bug and tar remover regulated under the Consumer Products Regulation (California Code of Regulations Section 94507 et seq.).

§5.9 Organic Solvent Disposal and Storage

A person shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when

depositing or removing the contents of the containers or when the container is empty.

§6.4 Recordkeeping Requirements for Coatings

Any person who uses coatings subject to this rule shall maintain records on a daily basis, and have available at all times, on site, the following:

- A current list of all coatings used that are subject to this rule. This list shall include the following information for each coating: material name and manufacturer; application method; coating type and mix ratio specific to the coating; VOC Actual for Coatings and VOC Regulatory for Coatings; and quantity of each type of coating used.
- Current manufacturer specification sheets, material safety data sheets, technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating (based on the manufacturer's state mix ratio) and automotive coating components.
- Purchase records identifying the coating type, name, and volume of coatings.

§6.5 Recordkeeping Requirements for Solvents Used for Solvent Cleaning

An operator using solvents for cleaning shall keep the following records.

- Keep a copy of the manufacturer's product data sheet or material safety data sheet of the solvents used for organic solvent cleaning activities.
- Maintain a current list of solvents that are being used for organic solvent cleaning activities. The list shall include the following information: the name of the solvent and its manufacturer's name; the VOC content of the solvent expressed in grams per liter or lb/gallon; and when the solvent is a mixture of different materials that are blended by the person, the mix ratio of the batch shall be recorded and the VOC content of the batch shall be calculated and recorded in order to determine compliance with the specified limits of VOC content.
- The quantity of solvent used for solvent cleaning activities.

C-4352-17-3: Motor Vehicle and Mobile Equipment Coating Operation with HVLP Spray Guns, a Paint Spray Booth, and Enclosed Gun Cleaner, and 1.165 MMBtu/hr Heater

- Conditions 6 through 14 on the requirements for the proposed permit assure compliance with the applicable requirements of this rule.

18. District Rule 4621 – Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants

The purpose of this rule is to limit VOC emissions from stationary storage containers, delivery vessels, and bulk plants and to provide the administrative requirements for determining compliance with this rule.

§5.0. Requirements

§5.1 Loading equipment and vapor collection equipment shall be installed, maintained, and operated such that it is leak-free, with no excess organic liquid drainage at disconnect.

§5.2 Gasoline Storage and Loading

In addition to the requirements of Section 5.1 no person shall transfer or permit the transfer of gasoline from any delivery vessel into any stationary storage container subject to requirements of this rule unless such container, except those used for aviation gasoline, is equipped with an ARB certified permanent submerged fill pipe and utilizes an ARB certified Phase I vapor recovery system that is maintained and operated according to manufacturer specifications and the applicable ARB Executive Order

§5.5 All Phase I vapor recovery systems shall be inspected according to the frequency specified in Table 1. The person conducting the inspections shall, at a minimum, verify the following:

- That the fill caps and vapor caps are not missing, damaged, or loose;
- That the fill cap gasket and vapor cap gaskets are not missing or damaged;
- That the fill adapter and vapor adapter are securely attached to the risers;
- That, where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing, and the dry break (poppet-valve) is not missing or damaged; and
- That the submerged fill tube is not missing or damaged.

Table 1 – Schedule of Maintenance

Inspection Gasoline dispensed by the operation during largest monthly throughput of previous year	Frequency of Inspections
B. Non-Retail Gasoline Outlets and other gasoline dispensing operations	
1. Less than 2,500 gallons	One day per month
2. 2,500 to less than 25,000 gallons	One day per week
3. 25,000 gallons or greater	Five days per week

§5.7 Delivery Vessels

All delivery vessels shall have an ARB certified vapor recovery system for cargo containers.

§6.2 Testing Requirements

Operators shall conduct all performance tests required by ARB Executive Order and facility installation and operations manual as per the frequency outline therein or as designated by the APCO. Each ARB certified Phase I vapor recovery system shall be performance tested within 60 days of completion of installation or modification. Operators shall notify the District at least seven days prior to any performance testing. Operators shall submit all performance test results to the District within 30 days of test completion.

§6.3 Certification Requirements

Installation and maintenance contractors shall be certified by the ICC for Vapor Recovery System Installation and Repair (VI) and make available onsite proof of ICC certification for VI, and have and make available on site proof of any and all certifications required by the Executive Order and installation and operation manual in order to install or maintain specific systems, or work under the direct and personal supervision of an individual physically present at the work site who possesses and makes available onsite a current certificate from the ICC, indicating he or she has passed the VI exam and all certifications required by the applicable Executive Order.

All ICC certifications shall be renewed every 24 months by passing the appropriate exam specific to the certification being sought.

C-4352-3-6: Gasoline Dispensing Operation with One 10,000 Gallon Underground Storage Tank Served by OPW Phase I Vapor Recovery System, Single Fill Configuration (VR-102-E) and 1 Fueling Point with 1

Gasoline Dispensing Nozzle Served by Healy EVR Phase II Vapor Recovery System (Not Including ISD) (VR-201-A)

- Conditions 6, 8, 9, 10, 11, 15, 16, 19 through 22, 27 through 30, 34, and 35 on the requirements for the proposed permit assure compliance with the applicable requirements of this rule.

19. District Rule 4622 – Gasoline Transfer into Motor Vehicle Fuel Tanks

The purpose of this rule is to limit emissions of gasoline vapors from the transfer of gasoline into motor vehicle fuel tanks.

§5.0 Requirements

A person shall not transfer or permit the transfer of gasoline from any stationary storage container, or from any mobile fueler with a capacity greater than 120 gallons, into a motor vehicle fuel tank with a capacity greater than 5 gallons, unless the gasoline dispensing unit used to transfer the gasoline is equipped with and has in operation an ARB certified Phase II vapor recovery system.

- All ARB certified Phase II vapor recovery systems shall be maintained according to ARB certifications and the manufacturer specifications applicable to the system.
- All ARB certified Phase II vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks

§5.3 Inspections

The owner or operator of an ARB certified Phase II vapor recovery system shall conduct periodic maintenance inspections to ensure that components of the vapor recovery system are in proper operating condition. The frequency of inspections shall be based on the operation's largest monthly gasoline throughput from the previous calendar year as indicated in Table 1.

Table 1 – Schedule of Maintenance Inspection

Gasoline dispensed by the facility during largest monthly throughput of previous year	Frequency of Inspections
B. Non-Retail Gasoline Outlets and other gasoline dispensing operations	
1. Less than 2,500 gallons	One day per month
2. 2,500 to less than 25,000 gallons	One day per week
3. 25,000 gallons or greater	Five days per week

The person conducting the inspections shall at a minimum, verify the following during inspections: that the fueling instructions are clearly displayed with the appropriate toll-free complaint phone number and toxic warning signs; that the following nozzle components are in place and in good condition as specified in ARB Executive Orders: faceplate/facecone, bellows, latching device spring, vapor check valve, spout (proper diameter/vapor collection holes), insertion interlock mechanism, automatic shut-off mechanism, hold open latch; that the hoses are not torn, flattened or crimped; that the vapor path of coaxial hoses associated with bellows equipped nozzles does not contain more than 100 ml of liquid; and that the vapor processing unit is functioning properly, for operations that are required to have or possess such a unit.

§5.4 Maintenance and Repair

No person shall operate any ARB certified Phase II vapor recovery system or any portion thereof that has a major defect or an equipment defect that is identified in any applicable ARB Executive Order, until the defect has been repaired, replaced, or adjusted as necessary to correct the defect; the District has been notified, and the District has reinspected the system or authorized the system for use. Such authorization does not include the authority to operate the equipment prior to the correction of the defective components; and all major defects, after repair, are duly entered into the Operations and Maintenance (O&M) manual.

Upon identification of any major defect, the owner or operator shall tag "Out-of-Order" all dispensing equipment for which vapor recovery has been impaired.

Breakaway valves, hoses, and nozzles shall be ARB certified.

In the event of a separation due to a drive off, the owner or operator shall complete one of the following, unless otherwise specified in the applicable ARB Executive Order, and document the activities in accordance with Section 6.2, before placing the affected equipment back in service.

§6.2 Recordkeeping and Reporting for Non-exempt Operations

Operators shall retain the test result verification that each ARB certified Phase II vapor recovery system meets or exceeds the requirements of the tests specified in Section 6.5. These verifications shall be maintained for at least five years. These test results shall be dated and shall contain the names, addresses, and telephone numbers of the companies responsible for system installation and testing.

A person who performs repairs on any ARB certified Phase I or Phase II vapor recovery system shall provide to the owner or operator a repair log, which the owner or operator shall maintain on the premises for at least five years and which shall include all of the following: date and time of each repair; the name and applicable certification numbers of the person(s) who performed the repair, and, if applicable, the name, address and phone number of the person's employer; description of service performed; each component that was repaired, serviced, or removed; each component that was installed as replacement, if applicable; receipts or other documents for parts used in the repair and, if applicable, work orders which shall include the name and signature of the person responsible for performing the repairs.

Each operator who is required to perform periodic maintenance inspections shall maintain monthly gasoline throughput records on the premises for a minimum of five years, make them available on site during normal business hours to the APCO, ARB, or EPA, and submit them to the APCO, ARB, or EPA upon request.

§6.3 Recordkeeping Requirements for the Operations & Maintenance Manual (O&M Manual)

The owner or operator of a gasoline dispensing operation shall maintain an O&M Manual. The O&M manual shall be kept at the dispensing operation and made available to any person who operates, inspects, maintains, repairs, or tests the equipment at the operation as well as to District personnel upon request. The O&M manual shall, at a minimum, include the following current information: copies of all vapor recovery performance tests, all applicable ARB Executive Orders, Approval Letters, and District Permits, manufacturer's specifications and instructions for installation, operation, repair, and maintenance required pursuant to ARB Certification Procedure CP-201, and any additional instruction provided by the manufacturer, system and/or component testing requirements, including test schedules and passing criteria for each of the standard tests. The owner/operator may include any non-ARB required diagnostic and other tests as part of the testing requirements, and additional O&M instructions, if any, that are designed to ensure compliance with the applicable rules, regulations, ARB Executive Orders, and District permit conditions, including replacement schedules for failure or wear prone components. Owners or operators of gasoline dispensing operations shall document the periodic maintenance inspection program in the O&M manual.

§6.4 Testing Requirements

Operators shall comply with the ARB certified Phase II vapor recovery system performance tests specified in Sections 6.4.1.1 through 6.4.1.4 and shall conduct all applicable performance tests at start up and thereafter (no more than 30 days before or after the required compliance testing date) as required by ARB Executive Order and installation and operation manuals.

§6.5 Test Methods

Tests shall be conducted in accordance with the latest version of the following ARB and EPA approved test methods, or their equivalents as approved by the EPA, and the APCO.

C-4352-3-6: Gasoline Dispensing Operation with One 10,000 Gallon Underground Storage Tank Served by OPW Phase I Vapor Recovery System, Single Fill Configuration (VR-102-E) and 1 Fueling Point with 1 Gasoline Dispensing Nozzle Served by Healy EVR Phase II Vapor Recovery System (Not Including ISD) (VR-201-A)

- Conditions 6, 7, 8, 12 through 15, 17, 18, 19, 22 through 29, and 31 through 35 on the requirements for the proposed permit assure compliance with the applicable requirements of this rule.

20. District Rule 4701 – Internal Combustion Engines–Phase 1

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines. Except as provided in Section 4.0, the provisions of this rule apply to any internal combustion engine, rated greater than 50 bhp that requires a Permit to Operate (PTO).

Pursuant to Section 2.0 of District Rule 4701, these engines are subject to District Rule 4701–*Internal Combustion Engines–Phase 1*. In addition, these engine are also subject to District Rule 4702–*Internal Combustion Engines–Phase 2*.

Since the emissions limits of District Rule 4702 and all other requirements are equivalent or more stringent than District Rule 4701 requirements, compliance with 4702 rule requirements will satisfy requirements of District Rule 4701 and no further discussion is required.

21. District Rule 4702 – Internal Combustion Engines

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

internal combustion engines. This rule applies to any internal combustion (IC) engine with a rated brake horsepower greater than 50 horsepower.

§ 4.0 Exemptions

Except for the requirements of Sections 5.9 and 6.2.3, the requirements of this rule shall not apply to an emergency standby engine or a low-use engine, provided that the engine is operated with an operating nonresettable elapsed time meter. In lieu of operating a nonresettable elapsed time meter, the operator may use an alternative device, method, or technique, in determining operating time, provided that the alternative is approved by the APCO and EPA and is allowed by the Permit-to-Operate or Permit-Exempt Equipment Registration. The operator must demonstrate that the alternative device, method, or technique is equivalent to using a nonresettable elapsed time meter. The operator shall properly maintain and operate the nonresettable elapsed time meter or alternative device in accordance with the manufacturer's instructions.

§5.9 Monitoring Requirements: All Other Engines

The operator of any of the following engines shall comply with the requirements specified as follows:

- Properly operate and maintain each engine as recommended by the engine manufacturer or emission control system supplier.
- Monitor the operational characteristics of each engine as recommended by the engine manufacturer or emission control system supplier.
- Install and operate a nonresettable elapsed time meter.
- In lieu of installing a nonresettable elapsed time meter, the operator may use an alternative device, method, or technique, in determining operating time provided that the alternative is approved by the APCO and EPA and is allowed by a Permit-to- Operate or Permit-Exempt Equipment Registration condition.
- The operator shall properly maintain and operate the nonresettable elapsed time meter or alternative device in accordance with the manufacturer's instructions.

§6.2.3 An operator claiming an exemption under Section 4.2 or Section 4.3 shall maintain annual operating records. This information shall be retained for at least five years, shall be readily available, and provided to

the APCO upon request. The records shall include, but are not limited to, the following: total hours of operation, the type of fuel used, the purpose for operating the engine, for emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and other support documentation necessary to demonstrate claim to the exemption.

- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 1, 7 through 11, 13, 14, and 15 on the proposed permit assure compliance with the applicable requirements of this rule.
- b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 1, 7 through 11, 13, 14, and 15 on the proposed permit assure compliance with the applicable requirements of this rule.
- c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 1, 7 through 11, 13, 14, and 15 on the proposed permit assure compliance with the applicable requirements of this rule.
- d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 1, 7 through 11, 13, 14, and 15 on the proposed permit assure compliance with the applicable requirements of this rule.
- e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - Conditions 1, 6 through 10, 12, 13, and 14 on the proposed permit assure compliance with the applicable requirements of this rule.
- f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump

- Conditions 1, 5, 6, 7, 10, and 13 on the proposed permit assure compliance with the applicable requirements of this rule.

22. District Rule 4801 – Sulfur Compounds

This rule limits the emissions of sulfur compounds, which would exist as a liquid or gas at standard conditions, exceeding in concentration at the point of discharge: two-tenths (0.2) percent by volume calculated as sulfur dioxide (SO₂), on a dry basis averaged over 15 consecutive minutes.

The rule has been submitted to the EPA to replace Kings County Rule 407 which is contained in the SIP. District Rule 4801 is as stringent as Kings County Rule 407, as shown on table below.

Comparison of District Rule 4801 to Kings County Rule 407

REQUIREMENTS	District Rule 4801	Kings County Rule 407
A person shall not discharge into the atmosphere sulfur compounds exceeding in concentration at the point of discharge 0.2 percent by volume calculated as sulfur dioxide on a dry basis averaged over 15 consecutive minutes.	✓	✓
EPA Method 8 and ARB Method 1-100 shall be used to determine such emissions.	✓	

This rule contains a limit on sulfur compounds. The limit at the point of discharge is 0.2 percent by volume, which is 2000 ppmv, calculated as sulfur dioxide (SO₂), on a dry basis averaged over 15 consecutive minutes. The maximum fuel sulfur content that can be combusted in diesel-fired IC engines and comply with this 2000 ppmv emission limit is calculated as follows:

$$\frac{\left(137,000 \frac{\text{Btu}}{\text{gal}}\right) \times \left(\frac{9,190 \text{ dscf}}{10^6 \text{ Btu}}\right) \times \left(32.06 \frac{\text{g-S}}{\text{mol}}\right) \times \left(0.002 \frac{\text{mol-S}}{\text{mol-exhaust}}\right) \left(28.317 \frac{\text{l}}{\text{cu ft}}\right)}{\left(23.6 \frac{\text{L}}{\text{mol}}\right) \times \left(7.05 \frac{\text{lb}}{\text{gal}}\right) \times \left(453.59 \frac{\text{g}}{\text{lb}}\right)} = 0.030 \frac{\text{lb-S}}{\text{lb-Diesel}}$$

Where,

- 137,000 Btu/gal= Heat content of diesel (AP-42 9/85, Appendix A-5)
- 9,190 dscf/10⁶ Btu = Diesel F Factor (40 CFR 60, Appendix A-7, Table 19-1)
- 32.06 g-S/mol= Molecular weight of sulfur
- 0.002 mol-S/mol-exhaust = Kings County 407 limit for sulfur emissions
- 28.317 l/cu ft = conversion factor for liters to cubic feet

23.6 = Volume one mole of gas occupies at standard conditions (1 atm, 15.5°C)

7.05 lb/gal= density of diesel (AP-42 9/85, Appendix A-6)

453.59 g/lb = conversion factor for grams to pounds

Diesel fuel with a sulfur content of less than 3.0% by weight will satisfy the conditions of this rule. The diesel-fired engines in this facility use California Air Resources Board quality diesel fuel with maximum sulfur content 0.0015% by weight. Therefore the diesel-fired engines comply with this rule.

a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- Condition 2 on the proposed permit assures compliance with the applicable requirements of this rule.

b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- Condition 2 on the proposed permit assures compliance with the applicable requirements of this rule.

c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- Condition 2 on the proposed permit assures compliance with the applicable requirements of this rule.

d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- Condition 2 on the proposed permit assures compliance with the applicable requirements of this rule.

e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- Condition 4 on the proposed permit assures compliance with the applicable requirements of this rule.

- f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump
- Condition 4 on the proposed permit assures compliance with the applicable requirements of this rule.

23. District Rule 8011, 8021, 8031, 8041, 8051, 8061, and 8071 – SJVUAPCD Regulation VIII - Fugitive Dust (PM10)

These regulations contain requirements for the control of fugitive dust. These requirements apply to various sources, including construction, demolition, excavation, extraction, mining activities, outdoor storage piles, paved and unpaved roads.

C-4352-0-1: Facility-Wide Requirements

- Conditions 31 through 36 on the requirements for the proposed permit comply with these rules.

24. 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

This provisions of this subpart are applicable to owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) that commence construction after July 11, 2005 where the stationary CI ICE are manufactured after April 1, 2006 and are not fire pump engines, or manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
- This emissions unit is not subject to this subpart since it was installed before July 11, 2005 and manufactured prior to April 1, 2006.
- b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
- This emissions unit is not subject to this subpart since it was installed before July 11, 2005 and manufactured prior to April 1, 2006.

- c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - This emissions unit is not subject to this subpart since it was installed before July 11, 2005 and manufactured prior to April 1, 2006.
- d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - This emissions unit is not subject to this subpart since it was installed before July 11, 2005 and manufactured prior to April 1, 2006.
- e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - This emissions unit is not subject to this subpart since it was installed before July 11, 2005 and manufactured prior to April 1, 2006.
- f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump
 - This emissions unit is not subject to this subpart since it was manufactured as a certified National Fire Protection Association (NFPA) fire pump prior to July 1, 2006.

25. 40 CFR 61, Subpart M – National Emission Standard for Asbestos

There are applicable requirements from the National Emissions Standards for Hazardous Air Pollutants that apply to all sources in general. These requirements pertain to asbestos removal and disposal from renovated or demolished structures.

C-4352-0-1: Facility-Wide Requirements

- Condition 37 on the requirements for the proposed permit complies with this rule.

26. 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations.

§63.6585 states an owner or operator is subject to this subpart if it owns or operates a stationary RICE at a major or area source of HAP emissions.

§63.6585(b) A major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year.

§63.6585(c) An area source of HAP emissions is a source that is not a major source.

- This facility is an area source of HAP emissions since it is not a major source of HAP per §63.6585(b).

§63.6590(a)(1)(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

§63.6590(b)(3)(viii) The following stationary RICE do not have to meet the requirements of this subpart and of subpart A of this part, including initial notification requirements – Existing institutional emergency stationary RICE located at an area source of HAP emissions.

- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)
 - This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

b. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

c. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

d. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

e. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

- This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

f. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump

- This is an existing emergency engine located at an Institutional source; therefore, this engine is not subject to the requirements of Subpart ZZZZ.

27. 40 CFR Part 64 – Compliance Assurance Monitoring

40 CFR Part 64 requires Compliance Assurance Monitoring (CAM) for units that meet the following three criteria:

- 1) the unit must have an emission limit for the pollutant;

- 2) the unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
 - 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.
- a. C-4352-1-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator for Corcoran II State Prison (Quebec & 4th Avenues)

This permit unit has emissions limits for NO_x, SO_x, and PM but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, and PM.

- b. C-4352-3-6: Gasoline Dispensing Operation with One 10,000 Gallon Underground Storage Tank Served by OPW Phase I Vapor Recovery System, Single Fill Configuration (VR-102-E) and 1 Fueling Points with 1 Gasoline Dispensing Nozzle Served by Healy EVR Phase II Vapor Recovery System (Not Including ISD) (VR-201-A)

The emissions unit has an emissions limit for VOC of 1.033 lb/1,000 gallons of gasoline dispensed. The phase I and phase II vapory recovery systems do not meet the definition of an add-on control but are inherent process equipment necessary for the proper functioning of the system. Therefore, the unit is not subject to CAM for VOC.

- c. C-4352-4-2: 80 MMBtu/hr Hugh Dean Above Ground LPG Flare Used During Calibration of Standby LPG Fuel System

The flare used as a calibrating device has emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- d. C-4352-5-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This permit unit has emissions limits for NO_x, SO_x, and PM but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, and PM.

- e. C-4352-6-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This permit unit has emissions limits for NO_x, SO_x, and PM but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, and PM.

- f. C-4352-7-2: 2,876 bhp Caterpillar Model 3516B DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This permit unit has emissions limits for NO_x, SO_x, and PM but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, and PM.

- g. C-4352-8-2: Woodworking Operation Served by a 4,600 CFM American Air Filter Model AR-60 Dust Collector

The emissions unit has emissions limits for PM₁₀. The unit may be subject to CAM for PM₁₀ since it has an add-on control in the form of a dust collector. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 lb-PM₁₀/year as shown below. Therefore, this unit is not subject to CAM for PM₁₀.

Using the PM₁₀ uncontrolled woodworking emissions factor of 0.05 gr/dscf (see source of emission factor under District Rule 4201 discussion in Compliance Section IX above) and 4,600 cfm airflow of an American Air Filter Model AR-60 (Equipment Description), the following calculations determines the annual uncontrolled PM₁₀ emissions.

$$\text{Uncontrolled PM}_{10} = (0.05 \text{ gr/dscf} \times 4,600 \text{ dscf} \times 525,600 \text{ min/yr}) \div 7000 \text{ gr/lb} = \mathbf{17,270 \text{ lb-PM}_{10}/\text{year} < \mathbf{140,000 \text{ lb-PM}_{10}/\text{yr}}$$

- h. C-4352-9-2: 22.5 hp Woodworking Operation Served by a 3,400 CFM 7.5 hp American Air Filter Model AR-45 Dust Collector

The emissions unit has emissions limits for PM₁₀. The unit may be subject to CAM for PM₁₀ since it has an add-on control in the form of a dust collector. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 lb-PM₁₀/year as shown below. Therefore, this unit is not subject to CAM for PM₁₀.

Using the PM₁₀ uncontrolled woodworking emissions factor of 0.05 gr/dscf (see source of emission factor under District Rule 4201 discussion in Compliance Section IX above) and 3,400 cfm airflow of an American Air Filter Model AR-45 (Equipment Description), the

following calculations determines the annual uncontrolled PM₁₀ emissions.

$$\text{Uncontrolled PM}_{10} = (0.05 \text{ gr/dscf} \times 3,400 \text{ dscf} \times 525,600 \text{ min/yr}) \div 7000 \text{ gr/lb} = \mathbf{12,765 \text{ lb-PM}_{10}/\text{year} < \mathbf{140,000 \text{ lb-PM}_{10}/\text{yr}}$$

- i. C-4352-10-2: 71 hp Woodworking Operation Served by a 10,000 CFM 30 hp American Air Filter Model AB-75 Dust Collector

The emissions unit has emissions limits for PM₁₀. The unit may be subject to CAM for PM₁₀ since it has an add-on control in the form of a dust collector. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 lb-PM₁₀/year as shown below. Therefore, this unit is not subject to CAM for PM₁₀.

Using the PM₁₀ uncontrolled woodworking emissions factor of 0.05 gr/dscf (see source of emission factor under District Rule 4201 discussion in Compliance Section IX above) and 10,000 cfm airflow of an American Air Filter Model AB-75 (Equipment Description), the following calculations determines the annual uncontrolled PM₁₀ emissions.

$$\text{Uncontrolled PM}_{10} = (0.05 \text{ gr/dscf} \times 10,000 \text{ dscf} \times 525,600 \text{ min/yr}) \div 7000 \text{ gr/lb} = \mathbf{37,543 \text{ lb-PM}_{10}/\text{year} < \mathbf{140,000 \text{ lb-PM}_{10}/\text{yr}}$$

- j. C-4352-13-2: 896 bhp Caterpillar Model 3412 DITA Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This permit unit has emissions limits for NO_x, SO_x, and PM but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, and PM.

- k. C-4352-17-3: Motor Vehicle and Mobile Equipment Coating Operation with HVLP Spray Gun(s), a Paint Spray Booth, an Enclosed Gun Cleaner, and 1.165 MMBtu/hr Heater

The emissions unit has emissions limits for VOC but it does not have an add-on control for VOC. Therefore, the unit is not subject to CAM for VOC.

- l. C-4352-20-1: 300 bhp Deere/Clarke Model JW6H-UF40 Diesel-Fired Emergency IC Engine Powering a Firewater Pump

This emissions unit has emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants.

Therefore, this emissions unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

28. 40 CFR Part 82, Subpart B and F – Stratospheric Ozone

There are applicable requirements from Title VI of the CAA (Stratospheric Ozone) that apply to all sources in general. These requirements pertain to air conditioners, chillers, and refrigerators located at a Title V source and to disposal of air conditioners or maintenance/recharging/disposal of motor vehicle air conditioners (MVAC).

C-4352-0-1: Facility-Wide Requirements

- Conditions 29 and 30 on the requirements for the proposed permit comply with this rule.

X. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

The applicant has not requested to utilize any model general permit templates.

B. Requirements not Addressed by Model General Permit Templates

The applicant has not requested permit shield for any requirements not addressed by model general permit templates.

XI. PERMIT CONDITIONS

See draft operating permit beginning on the following page.

San Joaquin Valley Air Pollution Control District

FACILITY: C-4352-0-1

EXPIRATION DATE: 09/30/2014

FACILITY-WIDE REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Total combined emissions of NO_x from facilities C-214 and C-4352 shall not exceed 49.9 tons/year on a 12-month rolling basis. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1 and Kings County Rule 111] Federally Enforceable Through Title V Permit
4. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0 and Kings County Rule 111] Federally Enforceable Through Title V Permit
5. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
6. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
7. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
8. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
9. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
10. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL

Location: 900 QUEBEC AVE, CORCORAN, CA 93212

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11. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
12. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
13. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
14. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
15. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
16. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
17. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
18. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
19. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
20. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
21. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
22. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
23. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

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

24. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101] Federally Enforceable Through Title V Permit
25. {4384} No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
26. {4385} All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
27. {4386} The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
28. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
29. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
30. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
31. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
32. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
33. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
34. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
35. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
36. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

37. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
38. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
39. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
40. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
41. On Month/Day/Year, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
42. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-1-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201] Federally Enforceable Through Title V Permit
7. 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
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
12. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201] 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. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. Note: Formerly C-214-19-1.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-3-6

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

GASOLINE DISPENSING OPERATION WITH ONE 10,000 GALLON UNDERGROUND STORAGE TANK SERVED BY OPW PHASE I VAPOR RECOVERY SYSTEM, SINGLE FILL CONFIGURATION (VR-102-E) AND 1 FUELING POINT WITH 1 GASOLINE DISPENSING NOZZLE SERVED BY HEALY EVR PHASE II VAPOR RECOVERY SYSTEM (NOT INCLUDING ISD) (VR-201-A) (CORCORAN II SITE, QUEBEC & 4TH AVE)

PERMIT UNIT REQUIREMENTS

1. Combined VOC emissions from permit units C-214 -16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall not exceed 17,800 pounds per year on a 12-month rolling basis. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Monthly records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Annual records of the combined total emissions from units C-214-16, 45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC emissions from this unit shall not exceed 1.033 pounds per 1,000 gallons of gasoline dispensed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Gasoline throughput shall not exceed 120,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The Phase I and Phase II vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders specified in this permit, including applicable rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board that have been made conditions of the certification. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
7. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 4622] Federally Enforceable Through Title V Permit
8. The Phase I and Phase II vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks as determined in accordance with the test method specified in this permit. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
9. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
10. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo container, which attest to the vapor integrity of the container. [District Rule 4621] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. The permittee shall store or dispose of gasoline in closed, non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4621] Federally Enforceable Through Title V Permit
12. No person shall operate any ARB certified Phase II vapor recovery system or any portion thereof that has a major defect or an equipment defect that is identified in any applicable ARB Executive Order until the following conditions have been met: 1) the defect has been repaired, replaced, or adjusted as necessary to correct the defect; 2) the District has been notified, and the District has reinspected the system or authorized the system for use (such authorization shall not include the authority to operate the equipment prior to the correction of the defective components); and 3) all major defects, after repair, are duly entered into the Operations and Maintenance (O&M) manual. [District Rule 4622] Federally Enforceable Through Title V Permit
13. Upon identification of any major defects, the permittee shall tag "Out-of-Order" all dispensing equipment for which vapor recovery has been impaired. Tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defective equipment has been repaired, replaced, or adjusted, as necessary. In the case of defects identified by the District, tagged equipment shall be rendered inoperable, and the tag shall not be removed until the District has been notified of the repairs, and the District has either reinspected the system or authorized the tagged equipment for use. [District Rule 4622] Federally Enforceable Through Title V Permit
14. The permittee shall implement a periodic maintenance inspection program for the certified Phase II vapor recovery system consistent with the requirements of this permit. The program shall be documented in an operation and maintenance (O&M) manual and shall at a minimum contain the following information: 1) copies of all vapor recovery performance tests; 2) all applicable ARB Executive Orders, Approval Letters, and District Permits; 3) the manufacturer's specifications and instructions for installation, operation, repair, and maintenance required pursuant to ARB Certification Procedure CP-201, and any additional instruction provided by the manufacturer; 4) system and/or component testing requirements, including test schedules and passing criteria for each of the standard tests required by this permit (the owner/operator may include any non-ARB required diagnostic and other tests as part of the testing requirements), and 5) additional O&M instructions, if any, that are designed to ensure compliance with the applicable rules, regulations, ARB Executive Orders, and District permit conditions, including replacement schedules for failure or wear prone components. [District Rule 4622] Federally Enforceable Through Title V Permit
15. The permittee shall conduct periodic maintenance inspections based on the greatest monthly throughput of gasoline dispensed by the facility in the previous year as follows: A) less than 2,500 gallons - one day per month; B) 2,500 to less than 25,000 gallons - one day per week; or C) 25,000 gallons or greater - five days per week. All inspections shall be documented within the O & M Manual. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
16. Periodic maintenance inspections of the Phase I vapor recovery system shall include, at a minimum, verification that 1) the fill caps and vapor caps are not missing, damaged, or loose; 2) the fill cap gasket and vapor cap gaskets are not missing or damaged; 3) the fill adapter and vapor adapter are securely attached to the risers; 4) where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing; 5) the dry break (poppet-valve) is not missing or damaged; and 6) the submerged fill tube is not missing or damaged. [District Rule 4621] Federally Enforceable Through Title V Permit
17. Periodic maintenance inspections of the Phase II vapor recovery system shall include, at a minimum, verification that 1) the fueling instructions required by this permit are clearly displayed with the appropriate toll-free complaint phone number and toxic warning signs; 2) the following nozzle components are in place and in good condition as specified in ARB Executive Order as applicable: faceplate/facecone, bellows, latching device spring, vapor check valve, spout (proper diameter/vapor collection holes), insertion interlock mechanism, automatic shut-off mechanism, and hold open latch (unless prohibited by law or the local fire control authority); 3) the hoses are not torn, flattened or crimped; 4) the vapor path of the coaxial hoses associated with bellows equipped nozzles does not contain more than 100 ml of liquid if applicable; and 5) the vapor processing unit is functioning properly, for operations that are required to have or possess such a unit. [District Rule 4622] 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.

18. In the event of a separation due to a drive off, the permittee shall, unless otherwise specified in the applicable ARB Executive Order, conduct a visual inspection of the affected equipment and either 1) *perform qualified repairs on any damaged components* and conduct applicable re-verification tests pursuant to the requirements of this permit, or 2) replace the affected nozzles, coaxial hoses, breakaway couplings, and any other damaged components with new or certified rebuilt components that are ARB certified. The activities shall be documented in accordance with the requirements of this permit before placing the affected equipment back in service. [District Rule 4622] Federally Enforceable Through Title V Permit
19. The permittee shall conduct all periodic vapor recovery system performance tests specified in this permit, no more than 30 days before or after the required compliance testing date, unless otherwise required under the applicable ARB Executive Order. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
20. The permittee shall perform and pass a Static Torque of Rotatable Phase I Adaptors test using ARB procedure TP-201.1B at least once every 36 months. [District Rule 4621] Federally Enforceable Through Title V Permit
21. The permittee shall perform and pass a Pressure Integrity of Drop Tube Drain Valve Assembly Test using ARB TP-201.1C or a Pressure Integrity of Drop Tube Overfill Protection Devices Test using ARB TP-201.1D if an overfill protection device is installed, at least once every 36 months. [District Rule 4621] Federally Enforceable Through Title V Permit
22. The permittee shall perform and pass a Static Leak Test for Underground Tanks using ARB TP-201.3 in accordance with the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
23. The permittee shall perform and pass a Dynamic Back Pressure Test using ARB TP-201.4 at least once every 12 months. [District Rule 4622] Federally Enforceable Through Title V Permit
24. The permittee shall perform and pass a Vapor-to-Liquid Volume Ratio Test using the test procedure defined in the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every six (6) months. [District Rule 4622] Federally Enforceable Through Title V Permit
25. The permittee shall perform and pass a Static Pressure Test for the Healy Clean Air Separator using the test procedure defined in the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rule 4622] Federally Enforceable Through Title V Permit
26. The permittee shall perform and pass a Dispenser vapor Line Tightness test for each dispenser using the test procedure defined in the Installation, Operation and Maintenance manual of the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rule 4622] Federally Enforceable Through Title V Permit
27. A person conducting testing of, or repairs to, a certified vapor recovery system shall be in compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification). [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
28. A person performing installation of, or maintenance on, a certified Phase I or Phase II vapor recovery system shall be certified by the ICC for Vapor Recovery System Installation and Repair, or work under the direct and personal supervision of an individual physically present at the work site who is certified. The ICC certification shall be renewed every 24 months. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
29. Proof of the ICC certification and all other certifications required by the Executive Order and installation and operation manual shall be made available onsite. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
30. The permittee shall notify the District at least 7 days prior to each performance test. The test results shall be submitted to the District no later than 30 days after the completion of each test. [District Rule 4621] Federally Enforceable Through Title V Permit
31. The permittee shall maintain a copy of all test results. The test results shall be dated and shall contain the name, address, and telephone number of the company responsible for system installation and testing. [District Rule 4622] 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.

32. The permittee shall maintain on the premises a log of any repairs made to the certified Phase I or Phase II vapor recovery system. The repair log shall include the following: 1) date and time of each repair; 2) the name and applicable certification numbers of the person(s) who performed the repair, and if applicable, the name, address and phone number of the person's employer; 3) description of service performed; 4) each component that was repaired, serviced, or removed; 5) each component that was installed as replacement, if applicable; and 6) receipts or other documents for parts used in the repair and, if applicable, work orders which shall include the name and signature of the person responsible for performing the repairs. [District Rule 4622] Federally Enforceable Through Title V Permit
33. The O&M manual shall be kept at the dispensing operation and made available to any person who operates, inspects, maintains, repairs, or tests the equipment at the operation as well as to District personnel upon request. [District Rule 4622] Federally Enforceable Through Title V Permit
34. The permittee shall maintain monthly and annual gasoline throughput records. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
35. All records required by this permit shall be retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
36. Note: Formerly C-214-21-2.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-4-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

80 MMBTU/HR HUGH DEAN ABOVE GROUND LPG FLARE USED DURING CALIBRATION OF A STANDBY LPG FUEL SYSTEM (ONLY USED DURING PERIODS OF NATURAL GAS SERVICE INTERRUPTION) AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301] Federally Enforceable Through Title V Permit
2. The above ground LPG flare shall only be operated during calibration of the standby LPG fuel supply system. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The standby LPG fuel supply system shall not be calibrated during non-standby operation more than twice during any twelve month period for no more than 4 hours per iteration. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions from the flare, based on 91,500 Btu/gallon of LPG input, shall not exceed the following levels: 6.22 lb NO_x/1,000 gal, 12.81 lb VOC/1,000 gal, 33.86 lb CO/1,000 gal, 1.79 lb SO_x/1,000 gal, and 0.60 lb PM₁₀/1,000 gal. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Records of the dates and hours of operation of the above ground LPG flare shall be maintained, retained for a minimum of five years, and made available to the District upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
6. The flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311] Federally Enforceable Through Title V Permit
7. The outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares. [District Rule 4311] Federally Enforceable Through Title V Permit
8. Except for flares equipped with a flow-sensing ignition system, a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an equivalent device, capable of continuously detecting at least one pilot flame or the flare flame is present shall be installed and operated. [District Rule 4311] Federally Enforceable Through Title V Permit
9. Flares that use flow-sensing automatic ignition systems and which do not use a continuous flame pilot shall use purge gas for purging. [District Rule 4311] Federally Enforceable Through Title V Permit
10. The operator shall submit an initial flare minimization plan (FMP) pursuant to section 6.5 of District Rule 4311 (6/18/09), and an updated FMP every five years, thereafter, to the District for approval. The current FMP shall remain in effect until the updated FMP is approved by the District. If the operator fails to submit an updated FMP, the existing FMP shall no longer be considered an approved plan. [District Rule 4311] Federally Enforceable Through Title V Permit
11. Flaring is prohibited unless it is consistent with an approved flare minimization plan (FMP). [District Rule 4311] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. The permittee shall maintain a copy of the compliance determination conducted to demonstrate compliance with the provisions of 40 CFR 60.18(c)(3) through (c)(5). [District Rule 4311] Federally Enforceable Through Title V Permit
13. The permittee shall maintain a copy of the approved flare minimization plan, a copy of applicable annual reports submitted to the District, and copies of applicable monitoring data collected. [District Rule 4311] Federally Enforceable Through Title V Permit
14. The permittee shall notify the District of an unplanned flaring event within 24 hours after the start of the next business day or within 24 hours of their discovery, whichever occurs first. The notification shall include the flare source identification, the start date and time, and the end date and time. [District Rule 4311] Federally Enforceable Through Title V Permit
15. The permittee shall submit an annual report to the District within 30 days following the end of each 12 month period per section 6.2.3 of District Rule 4311 (6/18/09). [District Rule 4311] Federally Enforceable Through Title V Permit
16. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 4311] Federally Enforceable Through Title V Permit
17. Note: Formerly C-214-22-0.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-5-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201] Federally Enforceable Through Title V Permit
7. 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
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
12. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201] 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. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. Note: Formerly C-214-23-1.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-6-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201] Federally Enforceable Through Title V Permit
7. 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
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
12. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201] 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. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and *maintenance operations*, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. Note: Formerly C-214-24-1.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-7-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201] Federally Enforceable Through Title V Permit
7. 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
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
12. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201] 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.

Facility Name: CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL

Location: 900 QUEBEC AVE, CORCORAN, CA 93212

C-4352-7-2: Apr 30 2013 8 23AM - SIONGCOJ

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. Note: Formerly C-214-25-1.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-8-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

WOODWORKING OPERATION SERVED BY A 4,600 CFM AMERICAN AIR FILTER MODEL AR-60 DUST COLLECTOR (BUILDING 543)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rules 2201 and 4201] 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. Total emissions of PM10 from the baghouse shall not exceed 6.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall maintain a record of the daily hours of the woodworking operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
9. Note: Formerly C-214-26-1.

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-9-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

22.5 HP WOODWORKING OPERATION SERVED BY A 3,400 CFM 7.5 HP AMERICAN AIR FILTER MODEL AR-45 DUST COLLECTOR (VOCATIONAL EDUCATIONAL CARPENTRY OPERATIONS BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rules 2201 and 4201] 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. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total emissions of PM10 from the baghouse shall not exceed 4.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records of the amount of wood dust collected from the baghouse and daily hours of operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
9. Note: Formerly C-214-27-0.

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-10-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

71 HP WOODWORKING OPERATION SERVED BY A 10,000 CFM 30 HP AMERICAN AIR FILTER MODEL AB-75 DUST COLLECTOR (VOCATIONAL EDUCATION CABINET MAKING, BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rules 2201 and 4201] 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. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total emissions of PM10 from the baghouse shall not exceed 13.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records of the amount of wood dust collected from the baghouse and daily hours of operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
9. Note: Formerly C-214-28-0.

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

Facility Name: CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL

Location: 900 QUEBEC AVE, CORCORAN, CA 93212

C-4352-10-2 Apr 30 2013 8 23AM - SIONGCOJ

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-13-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

896 BHP CATERPILLAR MODEL 3412 DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. The engine shall be equipped with a turbocharger, an aftercooler, and positive crankcase ventilation. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not Exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. 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
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] Federally Enforceable Through Title V Permit
7. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
11. NOx emission rate shall not exceed 7.2 g/hp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
13. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. Note: Formerly C-214-31-0.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-17-3

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

MOTOR VEHICLE AND MOBILE EQUIPMENT COATING OPERATION WITH HVLP SPRAY GUN(S), A PAINT SPRAY BOOTH, AN ENCLOSED GUN CLEANER, AND 1.165 MMBTU/HR HEATER (LOCATED IN VOCATIONAL EDUCATION AUTO PAINT SHOP, BUILDING #526 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Combined VOC emissions from permit units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall not exceed 17,800 pounds per year on a 12-month rolling basis. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Monthly records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Annual records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC emissions from this booth shall not exceed 17.4 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Natural gas usage shall not exceed 44 therms per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The VOC Regulatory content of coatings, as applied shall not exceed any of the following limits: adhesion promoter 540 g/l (4.5 lb/gal), clear coating 250 g/l (2.1 lb/gal), color coating 420 g/l (3.5 lb/gal), multi-color coating 680 g/l (5.7 lb/gal), pretreatment coating 660 g/l (5.5 lb/gal), primer 250 g/l (2.1 lb/gal), primer sealer 250 g/l (2.1 lb/gal), single-stage coating 340 g/l (2.8 lb/gal), temporary protective coating 60 g/l (0.5 lb/gal), underbody coating 430 g/l (3.6 lb/gal), uniform finish coating 540 g/l (4.5 lb/gal), and any other coating type 250 g/l (2.1 lb/gal). The VOC Regulatory content for coatings shall be defined as the VOC in grams per liter of coating (or pounds per gallon of coating), excluding water and exempt compounds. [District Rules 2201 and 4612] Federally Enforceable Through Title V Permit
7. Only high-volume low-pressure (HVLP) spray equipment, electrostatic, brush, dip, or roll coating application equipment, or other application equipment approved by the District in writing, shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4612] Federally Enforceable Through Title V Permit
8. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4612] 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.

Facility Name: CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL

Location: 900 QUEBEC AVE, CORCORAN, CA 93212

C-4352-17-3 Apr 30 2013 8:24AM - SIONGCOJ

9. For solvent cleaning operations other than for bug and tar removal, the permittee shall not use solvents that have VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rule 4612] Federally Enforceable Through Title V Permit
10. For bug and tar removal, the permittee shall not use any material other than bug and tar remover regulated under the Consumer Products Regulation (California Code of Regulations Section 94507 et seq.). [District Rule 4612] Federally Enforceable Through Title V Permit
11. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4612] Federally Enforceable Through Title V Permit
12. The permittee shall maintain and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, and the VOC Actual for Coatings and VOC Regulatory for Coatings as applied; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating and automotive coating components; and purchase records identifying the coating type, name, and volume of coatings bought. [District Rule 4612] Federally Enforceable Through Title V Permit
13. The permittee shall keep the following records for each solvent used for cleaning activities: the quantity of solvent used; a copy of the manufacturer's product data or material safety data sheet (MSDS); the solvent's name and manufacturer, the VOC content of the solvent in grams/liter or pounds/gallon, and the mix ratio and VOC content of the batch when the solvent is a mixture of different materials blended by the permittee. [District Rule 4612] Federally Enforceable Through Title V Permit
14. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rule 4612] Federally Enforceable Through Title V Permit
15. Permittee shall keep daily records of natural gas usage. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Note: Formerly C-214-42-1.

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-20-1

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

300 BHP DEERE/CLARKE MODEL JW6H-UF40 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

PERMIT UNIT REQUIREMENTS

1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
2. 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]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
6. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed any of the following limits: 3.72 g-NOx/bhp-hr, 0.32 g-CO/bhp-hr, or 0.39 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. The PM10 emissions rate shall not exceed 0.12 g/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

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Attachment A

Detailed Facility Printout

Detailed Facility Report
For Facility=4352 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL 900 QUEBEC AVE CORCORAN, CA 93212	FAC # STATUS: TELEPHONE:	C 4352 A	TYPE: TOXIC ID:	TitleV	EXPIRE ON: AREA: INSP. DATE:	09/30/2014 10 / 313 03/13
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-4352-1-0	2,876 bhp IC engine	3020-10 F	1	749.00	749.00	A	2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)
C-4352-3-5	Bootless Nozzle x 1 Grade per Nozzle	3020-11 B	1	34.00	34.00	A	GASOLINE DISPENSING OPERATION WITH ONE 10,000 GALLON UNDERGROUND STORAGE TANK SERVED BY OPW PHASE I VAPOR RECOVERY SYSTEM, SINGLE FILL CONFIGURATION (VR-102-E) AND 1 FUELING POINTS WITH 1 GASOLINE DISPENSING NOZZLES SERVED BY HEALY EVR PHASE II VAPOR RECOVERY SYSTEM (NOT INCLUDING ISD) (VR-201-A) (CORCORAN II SITE, QUEBEC & 4TH AVE)
C-4352-4-0	80 MMBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	80 MMBTU/HR HUGH DEAN ABOVE GROUND LPG FLARE USED DURING CALIBRATION OF A STANDBY LPG FUEL SYSTEM (ONLY USED DURING PERIODS OF NATURAL GAS SERVICE INTERRUPTION) AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES
C-4352-5-0	2,876 bhp IC engine	3020-10 F	1	749.00	749.00	A	2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)
C-4352-6-0	2,876 bhp IC engine	3020-10 F	1	749.00	749.00	A	2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)
C-4352-7-0	2,876 bhp IC engine	3020-10 F	1	749.00	749.00	A	2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)
C-4352-8-0	31.5 hp	3020-01 B	1	117.00	117.00	A	WOODWORKING OPERATION SERVED BY A 4,600 CFM AMERICAN AIR FILTER MODEL AR-60 DUST COLLECTOR (BUILDING 543)
C-4352-9-0	7.5 hp	3020-01 A	1	87.00	87.00	A	22.5 HP WOODWORKING OPERATION SERVED BY A 3,400 CFM 7.5 HP AMERICAN AIR FILTER MODEL AR-45 DUST COLLECTOR (VOCATIONAL EDUCATIONAL CARPENTRY OPERATIONS BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)
C-4352-10-0	71 hp	3020-01 C	1	197.00	197.00	A	71 HP WOODWORKING OPERATION SERVED BY A 10,000 CFM 30 HP AMERICAN AIR FILTER MODEL AB-75 DUST COLLECTOR (VOCATIONAL EDUCATION CABINET MAKING, BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

Detailed Facility Report
For Facility=4352 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-4352-13-0	896 bhp IC engine	3020-10 E	1	602.00	602.00	A	896 BHP CATERPILLAR MODEL 3412 DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)
C-4352-17-2	1.162 MMBtu/hr	3020-02 D	1	314.00	314.00	A	MOTOR VEHICLE AND MOBILE EQUIPMENT COATING OPERATION WITH HVLP SPRAY GUN(S), A PAINT SPRAY BOOTH, AN ENCLOSED GUN CLEANER, AND 1.165 MMBTU/HR HEATER (LOCATED IN VOCATIONAL EDUCATION AUTO PAINT SHOP, BUILDING #526 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)
C-4352-20-0	300 bhp	3020-10 C	1	240.00	240.00	A	300 BHP DEERE/CLARKE MODEL JW6H-UF40 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

Number of Facilities Reported: 1

Attachment B

Exempt Equipment

**San Joaquin Valley
Unified Air Pollution Control District
Title V Application - INSIGNIFICANT ACTIVITIES**

COMPANY NAME: CSATF/CA	FACILITY ID: C - 4352
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Check the box next to the exemption category from Rule 2020 which describes any insignificant activity or equipment at your facility not requiring a permit.

Exemption Category	Rule 2020 Citation	√	Exemption Category	Rule 2020 Citation	√
Structure or incinerator assoc. with a structure designed as a dwelling for 4 families or less	4.1		Containers used to store refined lubricating oils	6.6.8	
Locomotives, airplanes, and watercraft used to transport passengers or freight	4.4		Unvented pressure vessels used exclusively to store liquified gases or assoc with exempt equipment	6.6.9 or 6.13	
Natural gas or LPG-fired boilers or other indirect heat transfer units of 5 MMBtu/hr or less	6.1.1	X	Portable tanks used exclusively to store produced fluids for ≤ six months	6.6.10	
Piston-type i.c.engine with maximum continuous rating of 50 braking horsepower (bhp) or less	6.1.2		Mobile transport tanks on delivery vehicles of VOCs	6.6.11	
Gas turbine engines with maximum heat input rating of 3 MMBtu/hr or less	6.1.3		Loading racks used for the transfer of less than 4,000 gal/day of unheated organic material with initial boiling point ≥ 302 F or of fuel oil with specific gravity ≥ 0.8251	6.7.1.1	
Space heating equipment other than boilers	6.1.4		Loading racks used for the transfer of asphalt, crude or residual oil stored in exempt tanks, or crude oil with specific gravity ≥ 0.8762	6.7.1.2	
Cooling towers with a circulation rate less than 10,000 gal/min, and that are not used for cooling of process water, or water from barometric jets or condensers++	6.2		Equipment used exclusively for the transfer of refined lubricating oil	6.7.2	
Use of less than 2 gal/day of graphic arts materials	6.3		Equipment used to apply architectural coatings	6.8.1	
Equipment at retail establishments used to prepare food for human consumption	6.4.1		Unheated, non-conveyorized cleaning equipment with < 10 ft ² open area; using solvents with initial boiling point ≥ 248 F; and < 25 gal/yr. evaporative losses	6.9	
Ovens at bakeries with total daily production less than 1,000 pounds and exempt by sec. 6.1.1	6.4.3		Brazing, soldering, or welding equipment	6.10	X
Equipment used exclusively for extruding or compression molding of rubber or plastics, where no plastisizer or blowing agent is used	6.5		Equipment used to compress natural gas	6.11	
Containers used to store clean produced water	6.6.1		Fugitive emissions sources assoc. with exempt equipment	6.12	X
Containers ≤ 100 bbl used to store oil with specific gravity ≥ 0.8762	6.6.2		Pits and Ponds as defined in Rule 1020	6.15	
Containers ≤ 100 bbl installed prior to 6/1/89 used to store oil with specific gravity ≥ 0.8762	6.6.3		On-site roadmix manufacturing and the application of roadmix as a road base material	6.17	
Containers with a capacity ≤ 250 gallons used to store organic material where the actual storage temperature < 150 F	6.6.4		Emissions less than 2 lb/day from units not included above	6.19	
Containers used to store unheated organic material with an initial boiling point ≥ 302 F	6.6.5		Venting PUC quality natural gas from for sole purpose of pipeline and compressor repair and or maintenance	7.2	
Containers used to store fuel oils or non-air-blown asphalt with specific gravity ≥ 0.9042	6.6.6		Non-structural repairs & maintenance to permitted equipment	7.3	
Containers used to store petroleum distillates used as motor fuel with specific gravity ≥ 0.8251	6.6.7		Detonation of explosives ≤ 100 lb/day and 1,000 lb/year	7.4	

No insignificant activities (Check this box if no equipment in the above categories exist at your facility.)

Attachment C

SJVUAPCD Permits



Permit to Operate

FACILITY: C-4352

EXPIRATION DATE: 09/30/2014

LEGAL OWNER OR OPERATOR:
MAILING ADDRESS:

CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL
ATTN: BUSINESS SERVICES
P O BOX 7100
CORCORAN, CA 93212

FACILITY LOCATION:

900 QUEBEC AVE
CORCORAN, CA 93212

FACILITY DESCRIPTION:

CALIFORNIA SUBSTANCE ABUSE TREATMENT FACILITY

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

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

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: C-4352-0-0

EXPIRATION DATE: 09/30/2014

FACILITY-WIDE REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Total combined emissions of NOx from facilities C-214 and C-4352 shall not exceed 49.9 tons/year. [District Rule 2201]

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

Facility Name: CSATF/CA SUBSTANCE ABUSE TREATMENT FACIL
Location: 900 QUEBEC AVE, CORCORAN, CA 93212
C-4352-0-0, Feb 7 2013 1:37PM - SIONGCOJ

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-1-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-19-1.
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
5. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201]
6. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. 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]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
10. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201]
11. 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]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201]
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
18. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-3-5

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

GASOLINE DISPENSING OPERATION WITH ONE 10,000 GALLON UNDERGROUND STORAGE TANK SERVED BY OPW PHASE I VAPOR RECOVERY SYSTEM, SINGLE FILL CONFIGURATION (VR-102-E) AND 1 FUELING POINTS WITH 1 GASOLINE DISPENSING NOZZLES SERVED BY HEALY EVR PHASE II VAPOR RECOVERY SYSTEM (NOT INCLUDING ISD) (VR-201-A) (CORCORAN II SITE, QUEBEC & 4TH AVE)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Combined VOC emissions from permit units C-214 -16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall not exceed 17,800 pounds per year. [District Rule 2201]
3. Monthly records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201]
4. Annual records of the combined total emissions from units C-214-16, 45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201]
5. VOC emissions from this unit shall not exceed 1.033 pounds per 1,000 gallons of gasoline dispensed. [District Rule 2201]
6. Gasoline throughput shall not exceed 120,000 gallons per year. [District Rule 2201]
7. The Phase I and Phase II vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders specified in this permit, including applicable rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board that have been made conditions of the certification. [District Rules 4621 and 4622]
8. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 4622]
9. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
10. The Phase I and Phase II vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks as determined in accordance with the test method specified in this permit. [District Rules 4621 and 4622]
11. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rules 4621 and 4622]
12. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo container, which attest to the vapor integrity of the container. [District Rule 4621]
13. The permittee shall store or dispose of gasoline in closed, non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4621]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. No person shall operate any ARB certified Phase II vapor recovery system or any portion thereof that has a major defect or an equipment defect that is identified in any applicable ARB Executive Order until the following conditions have been met: 1) the defect has been repaired, replaced, or adjusted as necessary to correct the defect; 2) the District has been notified, and the District has reinspected the system or authorized the system for use (such authorization shall not include the authority to operate the equipment prior to the correction of the defective components); and 3) all major defects, after repair, are duly entered into the Operations and Maintenance (O&M) manual. [District Rule 4622]
15. Upon identification of any major defects, the permittee shall tag "Out-of-Order" all dispensing equipment for which vapor recovery has been impaired. Tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defective equipment has been repaired, replaced, or adjusted, as necessary. In the case of defects identified by the District, tagged equipment shall be rendered inoperable, and the tag shall not be removed until the District has been notified of the repairs, and the District has either reinspected the system or authorized the tagged equipment for use. [District Rule 4622]
16. The permittee shall implement a periodic maintenance inspection program for the certified Phase II vapor recovery system consistent with the requirements of this permit. The program shall be documented in an operation and maintenance (O&M) manual and shall at a minimum contain the following information: 1) copies of all vapor recovery performance tests; 2) all applicable ARB Executive Orders, Approval Letters, and District Permits; 3) the manufacturer's specifications and instructions for installation, operation, repair, and maintenance required pursuant to ARB Certification Procedure CP-201, and any additional instruction provided by the manufacturer; 4) system and/or component testing requirements, including test schedules and passing criteria for each of the standard tests required by this permit (the owner/operator may include any non-ARB required diagnostic and other tests as part of the testing requirements), and 5) additional O&M instructions, if any, that are designed to ensure compliance with the applicable rules, regulations, ARB Executive Orders, and District permit conditions, including replacement schedules for failure or wear prone components. [District Rule 4622]
17. The permittee shall conduct periodic maintenance inspections based on the greatest monthly throughput of gasoline dispensed by the facility in the previous year as follows: A) less than 2,500 gallons - one day per month; B) 2,500 to less than 25,000 gallons - one day per week; or C) 25,000 gallons or greater - five days per week. All inspections shall be documented within the O & M Manual. [District Rules 4621 and 4622]
18. Periodic maintenance inspections of the Phase I vapor recovery system shall include, at a minimum, verification that 1) the fill caps and vapor caps are not missing, damaged, or loose; 2) the fill cap gasket and vapor cap gaskets are not missing or damaged; 3) the fill adapter and vapor adapter are securely attached to the risers; 4) where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing; 5) the dry break (poppet-valve) is not missing or damaged; and 6) the submerged fill tube is not missing or damaged. [District Rule 4621]
19. Periodic maintenance inspections of the Phase II vapor recovery system shall include, at a minimum, verification that 1) the fueling instructions required by this permit are clearly displayed with the appropriate toll-free complaint phone number and toxic warning signs; 2) the following nozzle components are in place and in good condition as specified in ARB Executive Order as applicable: faceplate/facecone, bellows, latching device spring, vapor check valve, spout (proper diameter/vapor collection holes), insertion interlock mechanism, automatic shut-off mechanism, and hold open latch (unless prohibited by law or the local fire control authority); 3) the hoses are not torn, flattened or crimped; 4) the vapor path of the coaxial hoses associated with bellows equipped nozzles does not contain more than 100 ml of liquid if applicable; and 5) the vapor processing unit is functioning properly, for operations that are required to have or possess such a unit. [District Rule 4622]
20. In the event of a separation due to a drive off, the permittee shall, unless otherwise specified in the applicable ARB Executive Order, conduct a visual inspection of the affected equipment and either 1) perform qualified repairs on any damaged components and conduct applicable re-verification tests pursuant to the requirements of this permit, or 2) replace the affected nozzles, coaxial hoses, breakaway couplings, and any other damaged components with new or certified rebuilt components that are ARB certified. The activities shall be documented in accordance with the requirements of this permit before placing the affected equipment back in service. [District Rule 4622]
21. The permittee shall conduct all periodic vapor recovery system performance tests specified in this permit, no more than 30 days before or after the required compliance testing date, unless otherwise required under the applicable ARB Executive Order. [District Rules 4621 and 4622]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

22. The permittee shall perform and pass a Static Torque of Rotatable Phase I Adaptors test using ARB procedure TP-201.1B at least once every 36 months. [District Rule 4621]
23. The permittee shall perform and pass a Pressure Integrity of Drop Tube Drain Valve Assembly Test using ARB TP-201.1C or a Pressure Integrity of Drop Tube Overfill Protection Devices Test using ARB TP-201.1D if an overfill protection device is installed, at least once every 36 months. [District Rule 4621]
24. The permittee shall perform and pass a Static Leak Test for Underground Tanks using ARB TP-201.3 in accordance with the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rules 4621 and 4622]
25. The permittee shall perform and pass a Dynamic Back Pressure Test using ARB TP-201.4 at least once every 12 months. [District Rule 4622]
26. The permittee shall perform and pass a Vapor-to-Liquid Volume Ratio Test using the test procedure defined in the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every six (6) months. [District Rule 4622]
27. The permittee shall perform and pass a Static Pressure Test for the Healy Clean Air Separator using the test procedure defined in the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rule 4622]
28. The permittee shall perform and pass a Dispenser vapor Line Tightness test for each dispenser using the test procedure defined in the Installation, Operation and Maintenance manual of the Executive Order specified in this permit for the Phase II Vapor Recovery System at least once every 12 months. [District Rule 4622]
29. A person conducting testing of, or repairs to, a certified vapor recovery system shall be in compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification). [District Rules 4621 and 4622]
30. A person performing installation of, or maintenance on, a certified Phase I or Phase II vapor recovery system shall be certified by the ICC for Vapor Recovery System Installation and Repair, or work under the direct and personal supervision of an individual physically present at the work site who is certified. The ICC certification shall be renewed every 24 months. [District Rules 4621 and 4622]
31. Proof of the ICC certification and all other certifications required by the Executive Order and installation and operation manual shall be made available onsite. [District Rules 4621 and 4622]
32. The permittee shall notify the District at least 7 days prior to each performance test. The test results shall be submitted to the District no later than 30 days after the completion of each test. [District Rule 4621]
33. The permittee shall maintain a copy of all test results. The test results shall be dated and shall contain the name, address, and telephone number of the company responsible for system installation and testing. [District Rule 4622]
34. The permittee shall maintain on the premises a log of any repairs made to the certified Phase I or Phase II vapor recovery system. The repair log shall include the following: 1) date and time of each repair; 2) the name and applicable certification numbers of the person(s) who performed the repair, and if applicable, the name, address and phone number of the person's employer; 3) description of service performed; 4) each component that was repaired, serviced, or removed; 5) each component that was installed as replacement, if applicable; and 6) receipts or other documents for parts used in the repair and, if applicable, work orders which shall include the name and signature of the person responsible for performing the repairs. [District Rule 4622]
35. The O&M manual shall be kept at the dispensing operation and made available to any person who operates, inspects, maintains, repairs, or tests the equipment at the operation as well as to District personnel upon request. [District Rule 4622]
36. The permittee shall maintain monthly and annual gasoline throughput records. [District Rules 4621 and 4622]
37. All records required by this permit shall be retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rules 4621 and 4622]
38. Note: Formerly C-214-21-2.

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-4-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

80 MMBTU/HR HUGH DEAN ABOVE GROUND LPG FLARE USED DURING CALIBRATION OF A STANDBY LPG FUEL SYSTEM (ONLY USED DURING PERIODS OF NATURAL GAS SERVICE INTERRUPTION) AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES

PERMIT UNIT REQUIREMENTS

1. Note: Formerly C-214-22-0.
2. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
3. Total combined emissions of NOx from facilities C-214 and C-4352 shall not exceed 49.9 tons/year. [District Rule 2201]
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]
6. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301]
7. The above ground LPG flare shall only be operated during calibration of the standby LPG fuel supply system. [District Rule 2201]
8. The standby LPG fuel supply system shall not be calibrated during non-standby operation more than twice during any twelve month period for no more than 4 hours per iteration. [District Rule 2201]
9. Emissions from the flare, based on 91,500 Btu/gallon of LPG input, shall not exceed the following levels: 6.22 lb NOx/1,000 gal, 12.81 lb VOC/1,000 gal, 33.86 lb CO/1,000 gal, 1.79 lb SOx/1,000 gal, and 0.60 lb PM10/1,000 gal. [District Rule 2201]
10. Records of the dates and hours of operation of the above ground LPG flare shall be maintained, retained for a minimum of five years, and made available to the District upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-5-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-23-1.
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
5. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201]
6. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. 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]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
10. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201]
11. 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]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. NO_x emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201]
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
18. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-6-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-24-1.
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
5. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201]
6. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. 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]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
10. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201]
11. 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]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. NOx emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201]
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
18. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-7-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

2,876 BHP CATERPILLAR MODEL 3516B DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-25-1.
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201, 4702 and 17 CCR 93115]
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
5. The engine shall be equipped with a turbocharger, aftercooler and electronically controlled fuel injection. [District Rule 2201]
6. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. 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]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
10. The engine shall be operated with electronically controlled fuel injection timing utilizing the low emission timing strategy developed by Caterpillar. [District Rule 2201]
11. 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]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. NO_x emissions shall not exceed 9.71 g/bhp-hr. [District Rule 2201]
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
18. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-8-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

WOODWORKING OPERATION SERVED BY A 4,600 CFM AMERICAN AIR FILTER MODEL AR-60 DUST COLLECTOR (BUILDING 543)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-26-1.
3. Total combined emissions of NOx from facilities C-214 and C-4352 shall not exceed 49.9 tons/year. [District Rule 2201]
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]
6. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rule 2201]
7. 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]
8. Total emissions of PM10 from the baghouse shall not exceed 6.3 lb/day. [District Rule 2201]
9. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201]
10. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
11. The dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
12. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
13. Permittee shall maintain a record of the daily hours of the woodworking operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-9-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

22.5 HP WOODWORKING OPERATION SERVED BY A 3,400 CFM 7.5 HP AMERICAN AIR FILTER MODEL AR-45 DUST COLLECTOR (VOCATIONAL EDUCATIONAL CARPENTRY OPERATIONS BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-27-0.
3. Total combined emissions of NO_x from facilities C-214 and C-4352 shall not exceed 49.9 tons/year. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rule 2201]
6. 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]
7. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201]
8. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
9. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
10. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
11. Total emissions of PM₁₀ from the baghouse shall not exceed 4.7 lb/day. [District Rule 2201]
12. Permittee shall maintain records of the amount of wood dust collected from the baghouse and daily hours of operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1076]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-10-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

71 HP WOODWORKING OPERATION SERVED BY A 10,000 CFM 30 HP AMERICAN AIR FILTER MODEL AB-75 DUST COLLECTOR (VOCATIONAL EDUCATION CABINET MAKING, BUILDING #565 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-28-0.
3. Total combined emissions of NOx from facilities C-214 and C-4352 shall not exceed 49.9 tons/year. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.05 grains/dscf in concentration. [District Rule 2201]
6. 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]
7. Woodworking operation shall not exceed 8 hours/day. [District Rule 2201]
8. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
9. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
10. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
11. Total emissions of PM10 from the baghouse shall not exceed 13.7 lb/day. [District Rule 2201]
12. Permittee shall maintain records of the amount of wood dust collected from the baghouse and daily hours of operation. These records are to be kept on site for a period of five years and made available to the District upon request. [District Rule 1076]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-13-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

896 BHP CATERPILLAR MODEL 3412 DITA DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR FOR CORCORAN II STATE PRISON (QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-31-0.
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
4. The engine shall be equipped with a turbocharger, an aftercooler, and positive crankcase ventilation. [District Rule 2201]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not Exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. 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 dark or darker than Ringelmann 1 or equivalent to 20% opacity. [District Rule 4101]
8. 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]
9. 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]
10. 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]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 40 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
14. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
15. NOx emission rate shall not exceed 7.2 g/hp-hr. [District Rule 2201]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
17. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
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 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-17-2

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

MOTOR VEHICLE AND MOBILE EQUIPMENT COATING OPERATION WITH HVLP SPRAY GUN(S), A PAINT SPRAY BOOTH, AN ENCLOSED GUN CLEANER, AND 1.165 MMBTU/HR HEATER (LOCATED IN VOCATIONAL EDUCATION AUTO PAINT SHOP, BUILDING #526 AT CORCORAN II STATE PRISON, QUEBEC & 4TH AVENUES)

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. Note: Formerly C-214-42-1.
3. Total combined emissions of NOx from facilities C-214 and C-4352 shall not exceed 99,800 pounds per year. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Combined VOC emissions from permit units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall not exceed 17,800 pounds per year. [District Rule 2201]
6. Monthly records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201]
7. Annual records of the combined total emissions from units C-214-16, -45 and -46, and C-4352-3, -14, -17, -18, and -19 shall be maintained. [District Rule 2201]
8. VOC emissions from this booth shall not exceed 17.4 pounds per day. [District Rule 2201]
9. Natural gas usage shall not exceed 44 therms per day. [District Rule 2201]
10. The VOC Regulatory content of coatings, as applied shall not exceed any of the following limits: adhesion promoter 540 g/l (4.5 lb/gal), clear coating 250 g/l (2.1 lb/gal), color coating 420 g/l (3.5 lb/gal), multi-color coating 680 g/l (5.7 lb/gal), pretreatment coating 660 g/l (5.5 lb/gal), primer 250 g/l (2.1 lb/gal), primer sealer 250 g/l (2.1 lb/gal), single-stage coating 340 g/l (2.8 lb/gal), temporary protective coating 60 g/l (0.5 lb/gal), underbody coating 430 g/l (3.6 lb/gal), uniform finish coating 540 g/l (4.5 lb/gal), and any other coating type 250 g/l (2.1 lb/gal). The VOC Regulatory content for coatings shall be defined as the VOC in grams per liter of coating (or pounds per gallon of coating), excluding water and exempt compounds. [District Rules 2201 and 4612]
11. Only high-volume low-pressure (HVLP) spray equipment, electrostatic, brush, dip, or roll coating application equipment, or other application equipment approved by the District in writing, shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4612]
12. If an HVLP spray gun is used, the operator must demonstrate that the spray gun operates between 0.1 and 10 pounds per square inch, gauge, (psig) air atomizing pressure, measured dynamically at the center of the air cap and at the air horns. For a gun permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall either be in the form of manufacturer's published technical information or by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. For a gun not permanently labeled HVLP by the manufacturer, a satisfactory demonstration shall be based on manufacturer's published technical material and by a demonstration of the operation of the gun using an air pressure tip gauge from the manufacturer of the gun. [District Rule 4612]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. For solvent cleaning operations other than for bug and tar removal, the permittee shall not use solvents that have VOC content greater than 25 g/l (0.21 lb/gal) of cleaning material. [District Rule 4612]
14. For bug and tar removal, the permittee shall not use any material other than bug and tar remover regulated under the Consumer Products Regulation (California Code of Regulations Section 94507 et seq.). [District Rule 4612]
15. All fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners shall be stored in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4612]
16. The permittee shall maintain and have available at all times the following: a current list of all coatings used that includes the material name and manufacturer, application method, coating type and mix ratio specific to the coating, and the VOC Actual for Coatings and VOC Regulatory for Coatings as applied; current manufacturer specification sheets, material safety data sheets (MSDS), technical data sheets, or air quality data sheets, which list the VOC Actual for Coatings and VOC Regulatory for Coatings of each ready-to-spray coating and automotive coating components; and purchase records identifying the coating type, name, and volume of coatings bought. [District Rule 4612]
17. The permittee shall keep the following records for each solvent used for cleaning activities: the quantity of solvent used; a copy of the manufacturer's product data or material safety data sheet (MSDS); the solvent's name and manufacturer, the VOC content of the solvent in grams/liter or pounds/gallon, and the mix ratio and VOC content of the batch when the solvent is a mixture of different materials blended by the permittee. [District Rule 4612]
18. Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rule 4612]
19. Permittee shall keep daily records of natural gas usage. [District Rule 2201]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-4352-20-0

EXPIRATION DATE: 09/30/2014

EQUIPMENT DESCRIPTION:

300 BHP DEERE/CLARKE MODEL JW6H-UF40 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

PERMIT UNIT REQUIREMENTS

1. Facilities C-214 and C-4352 are the same stationary source for SJVAPCD permitting purposes. [District Rule 2201]
2. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
3. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. 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]
7. 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]
8. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
9. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
11. Emissions from this IC engine shall not exceed any of the following limits: 3.72 g-NOx/bhp-hr, 0.32 g-CO/bhp-hr, or 0.39 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115]
12. The PM10 emissions rate shall not exceed 0.12 g/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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