



MAY 10 2011

Roger Allred
Mt. Poso Co-Generation Co.
PO Box 81256
Bakersfield, CA 93380-1256

**Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # S-0091
Project # S-1092052**

Dear Mr. Allred:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Mt. Poso Co-Generation Co. for its Coal-Fired Co-Generation Power Plant located at 36157 Famoso Rd. Bakersfield, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

David Warner
Director of Permit Services

Attachments
C: Don Ctibor, Permit Services Engineer

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

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

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



MAY 10 2011

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

**Re: Notice of Preliminary Decision – Title V Permit Renewal
District Facility # S-0091
Project # S-1092052**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Mt. Poso Co-Generation Co. for its Coal-Fired Co-Generation Power Plant located at 36157 Famoso Rd. Bakersfield, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 45-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

David Warner
Director of Permit Services

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MAY 10 2011

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

**Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # S-0091
Project # S-1092052**

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Mt. Poso Co-Generation Co. for its Coal-Fired Co-Generation Power Plant located at 36157 Famoso Rd. Bakersfield, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

David Warner
Director of Permit Services

Attachments

C: Don Ctibor, Permit Services Engineer

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Tel: 661-392-5500 FAX: 661-392-5585

Bakersfield Californian

**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED RENEWAL OF
THE FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed renewal of the Federally Mandated Operating Permit for Mt. Poso Co-Generation Co. for its Coal-Fired Co-Generation Power Plant located at 36157 Famoso Rd. Bakersfield, California.

The District's analysis of the legal and factual basis for this proposed action, project #S-1092052, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. 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 renewal of the Federally Mandated Operating permit. If requested by the public, the District will hold a public hearing regarding issuance of this renewed permit. For additional information, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900. Written comments on the proposed renewed permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CALIFORNIA 93726-0244.

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation
Mt. Poso Cogeneration Co.
Facility # S-0091**

TABLE OF CONTENTS

I.	PROPOSAL.....	2
II.	FACILITY LOCATION.....	2
III.	EQUIPMENT LISTING.....	3
IV.	GENERAL PERMIT TEMPLATE USAGE.....	3
V.	SCOPE OF EPA AND PUBLIC REVIEW.....	3
VI.	FEDERALLY ENFORCEABLE REQUIREMENTS.....	4
VII.	REQUIREMENTS NOT FEDERALLY ENFORCEABLE.....	6
VIII.	COMPLIANCE.....	7
IX.	PERMIT SHIELD.....	10
X.	PERMIT CONDITIONS.....	11
XI.	ATTACHMENTS.....	11
A.	Draft Renewed Title V Operating Permit	
B.	Previous Title V Operating Permit	
C.	Detailed Facility List	

TITLE V PERMIT RENEWAL EVALUATION
Coal-Fired Cogeneration Power Plant

Engineer: Don Ctibor
Date: October 15, 2010

Facility Number: S-0091
Facility Name: Mt. Poso Cogeneration Co.
Mailing Address: P.O. Box 81256
Bakersfield, CA 93380-1256

Contact Name: Donald Waln
Phone: (661) 663-3155

Responsible Official: Roger Allred
Title: General Manager

Project # : S-1040424
Deemed Complete: April 16, 2009

I. PROPOSAL

Mt. Poso Cogeneration Co. was issued a Title V permit on April 28, 2000. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the initial Title V permit.

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

II. FACILITY LOCATION

Mt. Poso Cogeneration Co. is located at 36157 Famoso Rd. in Bakersfield, CA.

III. EQUIPMENT LISTING

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

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant is requesting to use the following model general permit Templates:

A. Template SJV-UM-0-3 Facility Wide Umbrella

The applicant has requested to utilize template No. SJV-UM-0-3, Facility Wide Umbrella. Based on the information submitted in the Template Qualification Form, the applicant qualifies for the use of this template. Template SJV-UM-0-3 conditions have been added as conditions 1 through 40 for the renewed facility wide requirements (S-0091-0-3) to replace conditions 1 through 40 of the existing facility wide requirements (S-0091-0-2).

V. SCOPE OF EPA AND PUBLIC REVIEW

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

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

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

Conditions 1 through 40 of the Facility Wide Requirements for S-0091-0-3.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Addressed by General Permit Template

- District Rule 1100, Equipment Breakdown, (amended December 17, 1992)
- District Rule 1160, Emission Statements, (adopted November 18, 1992)
- District Rule 2010, Permits Required, (amended December 17, 1992)
- District Rule 2020, Exemptions, (amended July 21, 1994 ⇒ amended December 20, 2007)
- District Rule 2031, Transfer of Permits, (amended December 17, 1992)
- District Rule 2040, Applications, (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications, (amended December 17, 1992)
- District Rule 2080, Conditional Approval, (amended December 17, 1992)
- District Rule 2520, Federally Mandated Operating Permits, Sections 5.2, 9.1.1, 9.4, 9.5, 9.7, 9.8, 9.9, 9.13.1, 9.13.2, 9.16, and 10.0, (amended June 21, 2001)
- District Rule 4101, Visible Emissions, (amended November 15, 2001 ⇒ amended February 17, 2005)
- District Rule 4601, Architectural Coatings, (amended October 31, 2001 ⇒ amended December 17, 2009)
- District Rule 8011, General Requirements, (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8021, Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities, (adopted November 15, 2001; amended August 19, 2004)

- District Rule 8031, Bulk Materials, (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8041, Carryout and Trackout, (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8051, Open Areas, (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads, (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas, (adopted November 15, 2001; amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, (amended September 18, 2003)
- 40 CFR Part 82, Subpart B, Stratospheric Ozone, (amended November 9, 2007)
- 40 CFR Part 82, Subpart F, Stratospheric Ozone, (amended June 8, 2008)

B. Rules Not Addressed by General Permit Template

• Rules Updated

- A. District Rule 2201, New and Modified Stationary Source Review Rule (amended April 20, 2005 ⇒ amended December 18, 2008)
- B. District Rule 4352, Solid Fuel Fired Boilers, Steam Generators and Process Heaters (amended October 19, 1995)
- C. District Rule 4702, Internal Combustion Engines – Phase 2 (adopted June 16, 2005 ⇒ amended January 18, 2007)

• Rules Added

- D. District Rule 4641, Cutback, slow cure, and emulsified asphalt, paving and maintenance operations (amended December 17, 1992)

- **Rules Not Updated**

- A. District Rule 1070, Inspections (amended December 17, 1992)
- B. District Rule 1080, Stack Monitoring (amended December 17, 1992)
- C. District Rule 1081, Source Sampling (amended December 16, 1993)
- D. District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- E. District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- F. District Rule 4701, Internal Combustion Engines – Phase 1 (amended November 12, 1998 ⇒ amended August 21, 2003)
- G. District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- H. 40 CFR Part 52.21, Prevention of Significant Deterioration (PSD)
- I. 40 CFR Part 64, Compliance Assurance Monitoring (CAM)
- J. 40 CFR Part 68, Chemical Accident Prevention Provisions

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

For this facility, the following are not federally enforceable and will not be discussed in further detail:

A. District Rule 4102 – Nuisance

This rule is applicable to any source operation which emits or may emit air contaminants or other materials. This rule stipulates that a person shall not 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.

- Condition 46 of the facility wide requirements (S-0091-0-3) is based on the rule listed above and is not Federally Enforceable through Title V.

B. District Rule 7012 – Hexavalent Chromium – Cooling Towers

District Rule 7012 has been added. The purpose of this rule is to limit emissions of hexavalent chromium from circulating water in cooling towers and to prohibit the use or sale of products containing these compounds for treating cooling tower water. Recordkeeping and monitoring requirements and test methods for determining emission concentration limits are specified. An implementation schedule is also included. Condition 1 of permit unit -8-3 is based on this rule and is therefore not federally enforceable.

VIII. COMPLIANCE

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

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

District Rule 2201 has been amended since this facility's initial Title V permit was issued. This Title V permit renewal does not constitute a modification per section 3.26, defined as an action including at least one of the following items:

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

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

B. District Rule 2520 - Federally Mandated Operating Permits

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.

C. District Rule 4352 – Solid Fuel Fired Boilers, Steam Generators, and Process Heaters

The purpose of Rule 4352 is to limit emissions of oxides of nitrogen (NO_x) and carbon monoxide (CO) from solid fuel fired boilers, steam generators and process heaters.

Section 5.1 insures that the owner/operator of a boiler, steam generator or process heater shall not operate such a unit in a manner that results in NO_x and CO emissions exceeding the limits specified in Table 1. The emission limits measured in parts per million by volume (ppmv) are referenced at dry stack gas conditions and shall be corrected to the applicable percent O₂ or CO₂ specified in Table 1 in accordance with EPA Method.

Compliance with these requirements is assured by condition 30 of PTO S-0091-3-13.

Section 5.3 Discusses start-up and shutdown provisions and insures the applicable emission limits of Section 5.1 shall not apply during start-up or shutdown provided an operator complies with the requirements specified.

Compliance with these requirements is assured by condition 34 of PTO S-0091-3-13.

Section 6.4 Discusses test methods and insures compliance with the requirements of Section 5.0 shall be determined in accordance with the following source test procedures unless otherwise approved by the APCO, ARB, and EPA.

Compliance with these requirements is assured by condition 36 of PTO S-0091-3-13.

D. District Rule 4641 - Cutback, slow cure, and emulsified asphalt, paving and maintenance operations

District Rule 4641 has been added to limit VOC emissions by restricting the application and manufacturing of certain types of asphalt for paving and maintenance operations. This rule applies to the manufacture and use of cutback asphalt, slow cure asphalt and emulsified asphalt for paving and maintenance operations. Condition 29 of permit unit -1-10 ensures compliance with this rule.

E. District Rule 4702 – Internal Combustion Engines – Phase 2

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 spark-ignited internal combustion engine with a rated brake horsepower greater than 50 horsepower and that requires a Permit-to-Operate (PTO).

Pursuant to Section 4.3, except for the requirements of Section 6.2.3, the requirements of this rule shall not apply to:

An internal combustion engine that meets the following conditions:

- 4.3.1.1 - The engine is operated exclusively to preserve or protect property, human life, or public health during a disaster or state of emergency, such as a fire or flood, and
- 4.3.1.2 - Except for operations associated with Section 4.3.1.1, the engine is limited to operate no more than 100 hours per calendar year as determined by an operational nonresettable elapsed

operating time meter, for periodic maintenance, periodic readiness testing, and readiness testing during and after repair work of the engine, and

- 4.3.1.3 - The engine is operated with a nonresettable elapsed operating time meter. In lieu of installing a nonresettable time meter, the owner of an engine may use an alternative device, method, or technique, in determining operating time provided that the alternative is approved by the APCO. The owner of the engine shall properly maintain and operate the time meter or alternative device in accordance with the manufacturer's instructions.

Section 6.2.3 requires that an owner 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:

- 1) Total hours of operation,
- 2) The type of fuel used,
- 3) The purpose for operating the engine,
- 4) For emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and
- 5) Other support documentation necessary to demonstrate claim to the exemption.

Compliance with these requirements is assured by conditions 1, 4, 5, 9 and 10 of PTO S-0091-7-4.

IX. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

Model General Permit Template SJV-UM-0-3

By submitting Model General Permit Template SJV-UM-0-3 qualification form, the applicant has requested that a permit shield be

granted for all the applicable requirements identified by the template. Therefore, the permit shields as granted in Model General Permit Template are included as conditions 39 and 40 of the facility-wide requirements (S-0091-0-3).

B. Requirements not Addressed by Model General Permit Templates

The applicant is not requesting a permit shield for any Rule requirements outside of the umbrella template permit shields.

C. Obsolete Permit Shields From Existing Permit Requirements

There are no obsolete permit shield conditions to be removed from the permits.

X. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

XI. ATTACHMENTS

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

ATTACHMENT A

Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: S-91-0-3

EXPIRATION DATE: 08/31/2009

FACILITY-WIDE REQUIREMENTS

1. {4362} 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; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} 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; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {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
4. {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
5. {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
6. {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
7. {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
8. {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: MT POSO COGENERATION COMPANY

Location: HEAVY OIL CENTRAL, CA

S-91-0-3 - Sep 22 2010 9:46AM - CTIBORD

9. {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
10. {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
11. {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
12. {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
13. {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
14. {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
15. {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
16. {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
17. {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
18. {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
19. {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
20. {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
21. {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.

22. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
23. {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
24. {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
25. {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
26. {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
27. {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
28. {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
29. {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
30. {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
31. {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
32. {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
33. {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

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

34. {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
35. {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
36. {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
37. {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
38. {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
39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/1709); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Equipment covered by this permit shall at all times be maintained in good working order and be operated as efficiently as possible so to minimize air pollutant emissions. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
42. In the event of changes in control or ownership, this Operating Permit shall be binding on new owners and operators. The applicant shall notify successor of the existence of this Operating Permit and its conditions in writing and forward a copy to the District, California Air Resources Board, and EPA. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
43. The applicant shall construct and operate the facility in compliance with all other applicable provisions of 40 CFR Parts 52, 60 and 61 and all other applicable Federal, State and District air quality regulations. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
44. Should additional guidance related to the June 3, 1986 PSD remand be developed, MPCC shall provide to EPA any such analysis, data or demonstration of compliance with other requirements within the time required by such guidance. [PSD ATC SJ 86-09] 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.

45. All correspondence as required by this Operating Permit shall be forwarded to: the District; Director, Air & Toxics Div. (Attn: A-3-3), EPA Region 9, 75 Hawthorne St. San Francisco, CA 94105; and Director, Stationary Source Div., CARB, Box 2815, Sacramento, CA 95812. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
46. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
47. All wells using steam produced by this facility shall be listed on Macpherson Oil Company permit S-1703-134. [District NSR Rule] Federally Enforceable Through Title V Permit
48. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulation. [40 CFR Part 68] Federally Enforceable Through Title V Permit
49. The lead content of the fuel shall be monitored such that the lead emissions from the facility do not exceed the PSD significance level of 0.6 TPY. The facility is required to demonstrate, at least annually, that lead emissions are below the PSD significance level. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
50. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin April 28 of each year, 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

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: S-91-1-10

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

COAL/PETROLEUM COKE RECEIVING, HANDLING AND STORAGE OPERATION AND TIRE DERIVED FUEL (TDF) RECEIVING AND TRANSFERRING OPERATION

PERMIT UNIT REQUIREMENTS

1. Operation shall include two receiving hoppers in drive through enclosure with automatically closing doors at entrance, Lot Sonic Development automatically activated ST-47 Dry Fog dust suppression system with 58 nozzles and dust curtains at exit. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include two enclosed under hopper vibrating feeders and one "en-masse" conveyor with magnetic separator. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include coal/petroleum coke storage silo with bin vent filter, exhaust fan and enclosed 200 tph silo bucket elevator. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include reclaim vibrating feeder, ring crusher, 200 tph day bin bucket elevator, one "en masse" conveyor and two coal/ petroleum coke storage day bins each with bin vent filter and exhaust fan. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include petroleum coke unloading hopper and transfer conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Petroleum coke unloading hopper shall be equipped with water/additive misting system, which shall be employed as needed to control dust emissions during unloading. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation shall include equipment to receive and transfer TDF, including: two enclosed discharge feeders, discharge conveyor, belt scale, inclined conveyors and delivery chute, all enclosed or covered. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Operation shall include Mikro-Pulseaire jet dust collector with 60 HP fan serving vibrating feeders, magnetic separator, silo and day bin bucket elevators, silo, ring crusher, "en masse" and petroleum coke transfer conveyors and day bins. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Truck receiving hopper enclosure shall be fully closed when trucks are in unloading position and spray nozzles shall be automatically activated at or prior to unloading. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All coal/petroleum coke conveyors and crushers shall be fully enclosed and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
11. All coal/petroleum coke storage silos shall be dust-tight (no visible emissions in excess of 0% opacity) and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Each fabric collector shall be equipped with automatically activated reverse jet cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Each fabric collector shall be equipped with operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit

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

14. Each fabric collector shall be equipped with dust-tight (no visible emissions in excess of 0% opacity) provisions to return collected material to process equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Each fabric collector shall automatically activate whenever process equipment served is activated. [District NSR Rule] Federally Enforceable Through Title V Permit
16. All fabric collectors exhaust shall discharge only to CFB combustor (permit unit S-91-3) secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Mikro-Pulseaire filter shall have 1696 sq. ft. of filtering area (144- 10 ft. long x 4.5 in. diameter bags). [District NSR Rule] Federally Enforceable Through Title V Permit
18. Collected dust from Mikro-Pulseaire filter shall discharge to day bins. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Truck loading hopper enclosure shall be fully closed during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Enclosure dust suppression system water spray nozzles shall automatically operate when truck unloading is occurring. [District NSR Rule] Federally Enforceable Through Title V Permit
21. There shall be no visible emissions in excess of 5% opacity at any time from truck receiving hoppers enclosure and TDF receiving and transfer operation. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Coal/petroleum coke handling, crushing and storage equipment (except truck enclosure) shall not be the source of emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Coal/petroleum coke shall not be conveyed or crushed unless ventilation system and fabric collector are operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Secondary combustion air bypass stack shall be open only when CFB combustor (permit unit S-91-3) is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Petroleum coke, coal and TDF shall only be unloaded using the equipment specified for that purpose on this permit, for each respective fuel type. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Total time of fuel unloading at this permit unit and permit unit S-91- 9 together shall not exceed 8 aggregate hours/day. [District NSR Rule] Federally Enforceable Through Title V Permit
27. Permittee shall maintain a daily record of the hours of operation of fuel unloading at the enclosed truck receiving hoppers and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
28. All transfer points, coal/petroleum coke silo and day bins shall vent only to Mikro-Pulseaire bin vent filter. [District NSR Rule] Federally Enforceable Through Title V Permit
29. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
30. PM-10 emissions from truck unloading operation shall not exceed 0.74 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
31. PM-10 emissions from all other equipment shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
32. Fabric collection systems shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
33. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

34. The differential pressure across each compartment of the fabric collectors shall be checked and the results recorded quarterly. If the differential pressure across each compartment of the fabric collectors is not between 1" and 7" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure differential is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
35. Visible emissions from the operation shall be checked and record results quarterly. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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: S-91-2-6

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

LIMESTONE STORAGE, HANDLING AND RECEIVING OPERATION INCLUDING 39,900 GALLON STORAGE SILO WITH FABRIC COLLECTOR AND EXHAUST FAN, TWO ROTARY AIR LOCK FEEDERS, TWO WEIGH BELT FEEDERS AND TWO ROTARY AIR LOCKS

PERMIT UNIT REQUIREMENTS

1. Limestone storage silo shall be dust-tight and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fabric collector shall be equipped with automatically activated reverse pulse jet cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector shall be equipped with operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Fabric collector shall be equipped with dust-tight provisions to return collected material to limestone storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fabric collectors exhaust shall discharge only to CFB combustor (permit unit S-91-3) secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fabric collector shall have 25 - 7 ft. long x 5.75 in. diameter polyester bags. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Secondary combustion air bypass stack shall be open only when CFB combustor (permit unit S-91-3) is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
8. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
9. PM-10 emission rate from this operation shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
10. There shall be no detectable emissions from any source whatsoever in this permit unit. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Limestone shall only be transferred into this silo only if fabric collectors are operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Visible emissions from storage silo shall be checked and record results annually. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-3-13

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

49.9 MW COAL/PETROLEUM COKE AND TIRE DERIVED FUEL (TDF) FIRED ATMOSPHERIC CIRCULATING FLUIDIZED BED COMBUSTOR COGENERATION POWER PLANT

PERMIT UNIT REQUIREMENTS

1. Operation shall include Ahlstrom Pyroflow atmospheric fluidized bed combustor incorporating low temperature staged combustion and ammonia injection (NOx control), and pulverized limestone injection (SOx control). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include enclosed gravimetric belt weigh feeder discharging to fuel feed chutes and enclosed limestone volumetric feeder with air lock system. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include four natural gas fired 62 MMBtu/hr Coen startup burners and two natural gas fired 23 MMBtu/hr Coen duct burners. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include two fly ash recycle cyclones, air heater with two fly ash hoppers, economizer and ash handling system. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include 1250 HP primary combustion air fan, 500 HP secondary combustion air fan and 150 HP multi-staged centrifugal fluidizing air blower. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation shall include 12 compartment fabric collector with 1750 HP induced draft fan, reverse air cleaning mechanism and 100 HP reverse air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fabric collector shall include a minimum of 134,230 sq. ft. of filtering area, fly ash hopper, with 8 KW electric heater, d.p. transmitter, capacitance type high level detector, vibrator and aeration pad. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fly ash collected at fabric collector shall be discharged only to fly ash handling system. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Ash shall only be removed from combustion system by means authorized to Permit to Operate S-91-4. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Operation shall be equipped with the following indicators: combustion temperature, combustion air system pressure, primary and secondary fan air flow, ammonia injection flow, fuel use rate and limestone use rate. The permittee shall operate and maintain instrumentation to continuously monitor and record levels of combustion temperature, consumption of fuel, ammonia, and limestone in boiler. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
11. Each fabric collector compartment shall be equipped with access door and differential pressure indicator. The differential pressure across each compartment shall be maintained between 2" and 9.5" water column. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. Fabric collector inlet shall be equipped with operational pressure indicator and high temperature alarm which activates prior to high temperature failure. The pressure shall not exceed negative 35" water column. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Fabric collector shall be equipped with automatic cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
14. All combustor exhaust gas shall pass through fabric collector prior to being emitted to atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Unit shall be operated as a low temperature combustor with a peak temperature range of 1550 to 1750 deg F. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Unit shall be operated as a staged combustion device by introducing a substoichiometric amount of combustion air into primary combustion zone. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Flue gas O₂ content shall be maintained at a level (3%-5%) which shows compliance with all emission limits and which minimizes NO_x emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
18. There shall be no provisions for introduction of air into combustion system or exhaust system downstream of the combustion chamber except for air utilized for cyclone center pipe supports and cooling. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Combustor shall be fired only on natural gas, coal, petroleum coke, tire derived fuel (TDF) or combinations thereof as allowed for by this permit. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
20. No more than 1,400,000 lbs/day and 58,333 lbs/hr (on a dry basis) of solid fuel of no more than 4.0% by weight sulfur shall be introduced into the combustor. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
21. Of the total fuel introduced into the combustor, no more than 154,000 lbs per day (on a dry basis) shall be TDF. [District Rule 2201] Federally Enforceable Through Title V Permit
22. A minimum of 0.035 lbm limestone/lbm of fuel shall be introduced into the combustor. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Limestone shall be introduced into combustor at a rate sufficient to maintain a minimum Ca/S molar ratio of 3. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Ammonia breakthrough shall not result in ground level odors and exhaust stack concentrations, except during periods of start-up/shutdown, shall not exceed 20.0 ppmv based on three hour rolling average. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Emissions rates from boiler exhaust shall not exceed the following: PM₁₀: 190.0 lb/day, VOC: 149.9 lb/day, NO_x (as NO₂): 1406.4 lb/day, SO_x (as SO₂): 699.4 lb/day and CO: 1207.2 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Emission rate of PM-10 shall not exceed 7.92 lb/hr and 0.012 lb/MMBtu. Particulate Matter (PM) emissions shall not exceed 0.01 gr/dscf @ 12% CO₂. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
27. Emission rate of SO_x (as SO₂) shall not exceed 25.0 lb/hr, based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
28. SO_x emissions (as SO₂) shall not exceed 0.04 lb/MMBtu, based on a three hour rolling average, during any period in which the power output exceeds 40 MW. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
29. Emission rate of oxides of nitrogen as NO₂ shall not exceed 58.60 lb/hr, based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
30. NO_x emissions shall not exceed 0.20 lb/MMBtu at any time, except during startup and shutdown (as defined in Rule 4352), based on a 24 hour averaging period. [District Rule 4352, 5.1] 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.

31. NO_x emissions shall not exceed 0.092 lb/MMBtu, based on a three hour rolling average, during any period in which the power output exceeds 40 MW. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
32. Emission rate of volatile organic compounds shall not exceed 6.25 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
33. Emission rate of carbon monoxide shall not exceed 50.30 lb/hr based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
34. Except during periods of startup and shutdown (as defined in Rule 4352), the emission rate of carbon monoxide shall not exceed 400 ppmv @ 3% O₂, based on a 24 hour averaging period. [District Rule 4352, 5.3] Federally Enforceable Through Title V Permit
35. The main exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples using approved EPA test methods. [District Rule 1081, 3.0] Federally Enforceable Through Title V Permit
36. Performance testing at maximum operating capacity shall be conducted annually for NO_x, SO_x, CO, PM-10, PM, and VOCs at the maximum operating capacity using following test methods; for NO_x EPA Methods 1-4 and 7 or ARB Method 100; for SO_x EPA Methods 1-4 and 6 or ARB Method 100; for CO EPA Method 1-4 and 10 or ARB Method 100; for PM(10) EPA Method 201A in combination with EPA Method 202; for PM EPA Methods 1-4 and 5; and for VOCs EPA Method 25 or 18. [District Rule 4352, 6.4; District Rule 2520, 9.4.2; PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
37. The District and EPA must be notified 30 days prior to any performance testing and a test plan shall be submitted for District approval 15 days prior to such testing. [District Rule 1081, 7.1 & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
38. Performance testing shall be witnessed or authorized District personnel and EPA. Test results must be submitted to the District within 60 day of performance testing. [District Rule 1081, 7.2, 7.3 & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
39. Permittee shall report the following emission exceedences to the District: SO₂, NO_x, and CO hourly emission rates on a three hour rolling average and daily emissions limitations. Excess emissions shall be defined as any consecutive 3-hour period during which the average emissions for CO, SO₂, and NO_x as measured by continuous monitoring system, exceeds the mass or concentration limit set for each pollutant. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
40. At the time of performance testing fuel being burned shall be tested for sulfur, nitrogen, ash content and heating value. [District NSR Rule] Federally Enforceable Through Title V Permit
41. Operator shall operate and maintain in calibration a system which continuously measures and records control system operating parameters; elapsed time of operation; exhaust gas Opacity, NO_x, SO₂, CO, and NH₃ concentrations. [District NSR Rule; District Rule 1080, 4.0; & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
42. The continuous emissions monitoring system shall meet the performance specification requirements in 40 CFR 60, Appendix B; 40 CFR 60, Appendix F; and 40 CFR 51, Appendix P, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080, 6.5 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
43. Operator shall operate and maintain in calibration a system which continuously measures and records stack gas volumetric flow rates meeting the performance specifications of 40 CFR Part 52, Appendix E. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
44. Results of continuous emissions monitoring must be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080, 7.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

45. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance of any CEMs that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080, 7.3 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
46. Permittee shall submit a CEMs written report for each calendar quarter to the District and to EPA. The report is due on the 30th day following the end of the calendar quarter. [District Rule 1080, 8.0 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
47. Quarterly report shall include: time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and a negative declaration when no excess emissions occurred. [District Rule 2520, 9.6.1; Rule 1080, 8.0; and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
48. Any violation of emission standards, as indicated by the CEM, shall be reported by the operator to the APCO within 96 hours. [District Rule 1080, 9.0] Federally Enforceable Through Title V Permit
49. Operator shall notify the District no later than eight hours after the detection of a breakdown of the CEM. The operator shall inform the District of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080, 10.0] Federally Enforceable Through Title V Permit
50. Permittee shall maintain an operating log containing type and quantity of fuel used and higher heating value of such fuels on daily basis. [District Rule 2520, 9.4.2; District Rule 4352, 6.2] Federally Enforceable Through Title V Permit
51. Sulfur content of the each type of fuel shall be measured and recorded at least every calendar quarter using current ASTM Methods or shall be certified by supplier for each shipment. [District Rule 2520, 9.3.2 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
52. The differential pressure across each compartment of the fabric collectors shall be checked and the results recorded quarterly. If the differential pressure across each compartment of the fabric collectors is not between 2" and 9.5" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure differential is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
53. The pressure at the fabric collector inlet shall be checked and the results recorded quarterly. If the pressure at the fabric collector inlet is greater than negative 35" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
54. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
55. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
56. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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: S-91-4-6

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

BOTTOM ASH AND FLY ASH HANDLING, STORAGE AND LOADOUT OPERATION WITH ELECTRIC MOTOR
HORSEPOWER NOT TO EXCEED 285 HP

PERMIT UNIT REQUIREMENTS

1. Bottom ash collection system shall include: two enclosed screw conveyors with rotary air locks, two surge hoppers, one 4 tph vacuum conveyor, and one 78 ton bottom ash storage silo with cyclone followed by fabric filter (FI526). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Bottom ash discharged from surge hoppers shall be conveyed via the vacuum conveyor through the cyclone and fabric filter referenced in condition 1 and shall be collected in the bottom ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The cyclone and fabric filter referenced in condition 1 shall be served by two 60 hp vacuum blowers (one operating, one standby), which discharge through an in line filter to the fluidized bed combustor (S- 91-3) secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Bottom ash storage silo shall vent through bin vent fabric filter (FI527) to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Bottom ash storage silo shall be equipped with one 15 tph coaxial truck unloading spout. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Air displaced during truck loading of bottom ash shall be ventilated back through bottom ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fly ash collection system shall include: one 8 tph vacuum conveyor and one 310 ton fly ash storage silo with cyclone and fabric filter (FI524). [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fly ash shall be conveyed from the fabric filter and air heater hoppers of the fluidized bed combustor through the cyclone and fabric filter referenced in condition 7 and shall be collected in the fly ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The cyclone and fabric filter referenced in condition 7 shall be served by two 75 hp vacuum blowers (one operating, one standby), which discharge through an in line filter to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Fly ash storage silo shall vent through bin vent fabric filter (FI525) to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fly ash storage silo shall be equipped with one 35 tph coaxial truck unloading spout. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Air displaced during truck loading of fly ash shall be ventilated back through fly ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Only enclosed trucks which mate with coaxial loadout spouts shall be utilized. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Operation shall include two 7.5 hp fluidizing bed blowers, serving, in common, both the bottom and fly ash storage silos. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Each ash storage silo shall be dust tight and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Each fabric collector authorized for this operation shall be equipped with an automatically activated reverse pulse jet cleaning mechanism and an operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Fabric collectors shall be equipped with dust-tight provisions to return collected material to process equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Fabric collectors exhaust shall discharge only to fluidized bed combustor secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Secondary combustion air bypass stack shall be open only when the fluidized bed combustor is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Bottom ash silo bin vent filter (FI527) shall have twenty-five 7' long x 5.75" diameter Nomex bags. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Fly ash silo bin vent filter (FI525) shall have twenty-five 7' long x 5.75" diameter Nomex bags. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Fabric collector (FI524) shall have twenty-four 10' long x 5.75" diameter bags. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Fabric collector (FI526) shall have twenty-four 8' 4" long x 5.75" diameter bags. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Visible emissions from any equipment authorized for these source operations shall not exceed 5% in opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Ash shall not be transferred into silos or loaded into trucks unless fabric collectors are in use and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
26. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
27. PM10 emissions shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
28. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
29. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
30. Visible emissions from operation shall be checked and record results monthly. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
31. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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: S-91-5-3

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

24,600 GALLON WATER TREATMENT LIME STORAGE SILO INCLUDING FABRIC COLLECTOR WITH 5 HP FAN, ONE 1000 LBM/HR SILO DISCHARGE ACTIVATOR AND ONE 1000 LBM/HR ENCLOSED VOLUMETRIC FEEDER

PERMIT UNIT REQUIREMENTS

1. Lime storage silo shall be dust-tight and vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fabric collector shall be equipped with automatically activated reverse jet cleaning mechanism and operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector shall be equipped with dust-tight provisions to return collected material to lime storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
4. No more than 50 tons/day of lime shall be loaded into silo. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Lime shall not be transferred into silo unless fabric collector is operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Visible emissions from lime mixing tank shall be less than 5% in opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Lime silo loading operation shall not exceed 3 hr/day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. PM-10 emissions shall not exceed 0.17 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Visible emissions from the lime storage silo, the fabric collectors, and the mixing tank shall be checked and the results recorded annually. If visible emissions are observed, corrective action is required prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
12. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

13. Operator shall maintain records of hours of operation of limestone receiving system on monthly basis and amount of lime loaded into the silo on daily basis. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-7-4

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

235 BHP CATERPILLAR MODEL 3208T DIESEL-FIRED EMERGENCY IC ENGINE WITH A TURBOCHARGER
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 NSR Rule and District Rule 4702] Federally Enforceable Through Title V Permit
2. The engine shall be equipped with a positive crankcase ventilation system. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District NSR Rule] 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. This engine shall be operated only for maintenance, testing, and 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
6. Permittee shall submit a written record of annual hours of operation of IC engine within 60 days prior to yearly permit anniversary. [District Rules 1070, 4.0 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. Emission rates from this IC engine shall not exceed any of the following limits: 1.00 gr-PM10/hp-hr, 0.17 gr-SO_x (as SO₂)/hp-hr, 5.70 gr-NO_x (as NO₂)/hp-hr, 0.030 gr-VOC/hp-hr, and 5.3 gr-CO/hp-hr. [District NSR Rule] Federally Enforceable Through Title V Permit
8. 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] Federally Enforceable Through Title V Permit
9. 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
10. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-91-8-3

EXPIRATION DATE: 08/31/2009

SECTION: SW18 TOWNSHIP: 27S RANGE: 28E

EQUIPMENT DESCRIPTION:

36,000 GPM HAMON MODEL #3374 THREE-CELL COOLING TOWER WITH 1,450 HP TOTAL

PERMIT UNIT REQUIREMENTS

1. No hexavalent chromium containing compounds shall be added to cooling tower circulating water. [District Rule 7012]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-9-3

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

PETROLEUM COKE RECEIVING, UNLOADING AND OPEN STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. Total time of fuel unloading at this permit unit and permit unit S-91-1-3 together shall not exceed 8 aggregate hours/day. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Total quantity of petroleum coke unloaded shall not exceed 700 tons day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Total surface area of open air petroleum coke storage area shall not exceed 0.5 acre. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Petroleum coke shall have a minimum moisture content of 10% as received. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Visible emissions produced during petroleum coke unloading, storage and loading shall not exceed 5% opacity for period or periods aggregating more than 3 minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Permittee shall maintain a daily record of the quantity and moisture content of petroleum coke unloaded and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. Permittee shall maintain a daily record of the number of hours petroleum coke is unloaded and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
8. Visible emissions from the petroleum coke storage operation shall be checked annually under environmental conditions (dry/windy) where high emissions are expected. If visible emissions are observed, corrective action is required prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Previous Title V Operating Permit



Permit to Operate

FACILITY: S-91

EXPIRATION DATE: 08/31/2009

LEGAL OWNER OR OPERATOR:

MT POSO COGENERATION COMPANY

MAILING ADDRESS:

PO BOX 81256
BAKERSFIELD, CA 93380-1256

FACILITY LOCATION:

HEAVY OIL CENTRAL
CA

FACILITY DESCRIPTION:

COGENERATION

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: S-91-0-2

EXPIRATION DATE: 08/31/2009

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: MT POSO COGENERATION COMPANY

Location: HEAVY OIL CENTRAL, CA

S-91-0-2: Sep 22 2010 9:36AM - CTIBORD

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), and Rule 111 (Kern, Tulare, Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (11/15/01); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (10/31/01); 8021 (11/15/01); 8031 (11/15/01); 8041 (11/15/01); 8051 (11/15/01); 8061 (11/15/01); and 8071 (11/15/01). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Equipment covered by this permit shall at all times be maintained in good working order and be operated as efficiently as possible so to minimize air pollutant emissions. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
42. In the event of changes in control or ownership, this Operating Permit shall be binding on new owners and operators. The applicant shall notify successor of the existence of this Operating Permit and its conditions in writing and forward a copy to the District, California Air Resources Board, and EPA. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
43. The applicant shall construct and operate the facility in compliance with all other applicable provisions of 40 CFR Parts 52, 60 and 61 and all other applicable Federal, State and District air quality regulations. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
44. Should additional guidance related to the June 3, 1986 PSD remand be developed, MPCC shall provide to EPA any such analysis, data or demonstration of compliance with other requirements within the time required by such guidance. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
45. All correspondence as required by this Operating Permit shall be forwarded to: the District; Director, Air & Toxics Div. (Attn: A-3-3), EPA Region 9, 75 Hawthorne St. San Francisco, CA 94105; and Director, Stationary Source Div., CARB, Box 2815, Sacramento, CA 95812. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
46. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
47. All wells using steam produced by this facility shall be listed on Macpherson Oil Company permit S-1703-134. [District NSR Rule] Federally Enforceable Through Title V Permit
48. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulation. [40 CFR Part 68] Federally Enforceable Through Title V Permit
49. The lead content of the fuel shall be monitored such that the lead emissions from the facility do not exceed the PSD significance level of 0.6 TPY. The facility is required to demonstrate, at least annually, that lead emissions are below the PSD significance level. [PSD ATC SJ 86-09] 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.

50. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin April 28 of each year, 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

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

Facility Name: MT POSO COGENERATION COMPANY

Location: HEAVY OIL CENTRAL, CA

S-91-0-2: Sep 22 2010 9:36AM - CTIBORD

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-1-9

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

COAL/PETROLEUM COKE RECEIVING, HANDLING AND STORAGE OPERATION AND TIRE DERIVED FUEL (TDF) RECEIVING AND TRANSFERRING OPERATION

PERMIT UNIT REQUIREMENTS

1. Operation shall include two receiving hoppers in drive through enclosure with automatically closing doors at entrance, Lot Sonic Development automatically activated ST-47 Dry Fog dust suppression system with 58 nozzles and dust curtains at exit. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include two enclosed under hopper vibrating feeders and one "en-masse" conveyor with magnetic separator. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include coal/petroleum coke storage silo with bin vent filter, exhaust fan and enclosed 200 tph silo bucket elevator. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include reclaim vibrating feeder, ring crusher, 200 tph day bin bucket elevator, one "en masse" conveyor and two coal/ petroleum coke storage day bins each with bin vent filter and exhaust fan. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include petroleum coke unloading hopper and transfer conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Petroleum coke unloading hopper shall be equipped with water/additive misting system, which shall be employed as needed to control dust emissions during unloading. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation shall include equipment to receive and transfer TDF, including: two enclosed discharge feeders, discharge conveyor, belt scale, inclined conveyors and delivery chute, all enclosed or covered. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Operation shall include Mikro-Pulseaire jet dust collector with 60 HP fan serving vibrating feeders, magnetic separator, silo and day bin bucket elevators, silo, ring crusher, "en masse" and petroleum coke transfer conveyors and day bins. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Truck receiving hopper enclosure shall be fully closed when trucks are in unloading position and spray nozzles shall be automatically activated at or prior to unloading. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All coal/petroleum coke conveyors and crushers shall be fully enclosed and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
11. All coal/petroleum coke storage silos shall be dust-tight (no visible emissions in excess of 0% opacity) and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Each fabric collector shall be equipped with automatically activated reverse jet cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Each fabric collector shall be equipped with operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit

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

14. Each fabric collector shall be equipped with dust-tight (no visible emissions in excess of 0% opacity) provisions to return collected material to process equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Each fabric collector shall automatically activate whenever process equipment served is activated. [District NSR Rule] Federally Enforceable Through Title V Permit
16. All fabric collectors exhaust shall discharge only to CFB combustor (permit unit S-91-3) secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Mikro-Pulseaire filter shall have 1696 sq. ft. of filtering area (144- 10 ft. long x 4.5 in. diameter bags). [District NSR Rule] Federally Enforceable Through Title V Permit
18. Collected dust from Mikro-Pulseaire filter shall discharge to day bins. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Truck loading hopper enclosure shall be fully closed during entire unloading operation. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Enclosure dust suppression system water spray nozzles shall automatically operate when truck unloading is occurring. [District NSR Rule] Federally Enforceable Through Title V Permit
21. There shall be no visible emissions in excess of 5% opacity at any time from truck receiving hoppers enclosure and TDF receiving and transfer operation. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Coal/petroleum coke handling, crushing and storage equipment (except truck enclosure) shall not be the source of emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Coal/petroleum coke shall not be conveyed or crushed unless ventilation system and fabric collector are operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Secondary combustion air bypass stack shall be open only when CFB combustor (permit unit S-91-3) is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Petroleum coke, coal and TDF shall only be unloaded using the equipment specified for that purpose on this permit, for each respective fuel type. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Total time of fuel unloading at this permit unit and permit unit S-91- 9-1 together shall not exceed 8 aggregate hours/day. [District NSR Rule] Federally Enforceable Through Title V Permit
27. Permittee shall maintain a daily record of the hours of operation of fuel unloading at the enclosed truck receiving hoppers and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
28. All transfer points, coal/petroleum coke silo and day bins shall vent only to Mikro-Pulseaire bin vent filter. [District NSR Rule] Federally Enforceable Through Title V Permit
29. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
30. PM-10 emissions from truck unloading operation shall not exceed 0.74 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
31. PM-10 emissions from all other equipment shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
32. Fabric collection systems shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
33. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. The differential pressure across each compartment of the fabric collectors shall be checked and the results recorded quarterly. If the differential pressure across each compartment of the fabric collectors is not between 1" and 7" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure differential is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
35. Visible emissions from the operation shall be checked and record results quarterly. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-2-5

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

LIMESTONE STORAGE, HANDLING AND RECEIVING OPERATION INCLUDING 39,900 GALLON STORAGE SILO WITH FABRIC COLLECTOR AND EXHAUST FAN, TWO ROTARY AIR LOCK FEEDERS, TWO WEIGH BELT FEEDERS AND TWO ROTARY AIR LOCKS

PERMIT UNIT REQUIREMENTS

1. Limestone storage silo shall be dust-tight and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fabric collector shall be equipped with automatically activated reverse pulse jet cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector shall be equipped with operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Fabric collector shall be equipped with dust-tight provisions to return collected material to limestone storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fabric collectors exhaust shall discharge only to CFB combustor (permit unit S-91-3) secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fabric collector shall have 25 - 7 ft. long x 5.75 in. diameter polyester bags. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Secondary combustion air bypass stack shall be open only when CFB combustor (permit unit S-91-3) is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
8. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
9. PM-10 emission rate from this operation shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
10. There shall be no detectable emissions from any source whatsoever in this permit unit. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Limestone shall only be transferred into this silo only if fabric collectors are operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

14. Visible emissions from storage silo shall be checked and record results annually. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-3-10

EXPIRATION DATE: 08/31/2009

SECTION: 18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

49.9 MW COAL/PETROLEUM COKE AND TIRE DERIVED FUEL (TDF) FIRED ATMOSPHERIC CIRCULATING FLUIDIZED BED COMBUSTOR COGENERATION POWER PLANT

PERMIT UNIT REQUIREMENTS

1. Operation shall include Ahlstrom Pyroflow atmospheric fluidized bed combustor incorporating low temperature staged combustion and ammonia injection (NOx control), and pulverized limestone injection (SOx control). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include enclosed gravimetric belt weigh feeder discharging to fuel feed chutes and enclosed limestone volumetric feeder with air lock system. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include four natural gas fired 62 MMBtu/hr Coen startup burners and two natural gas fired 23 MMBtu/hr Coen duct burners. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include two fly ash recycle cyclones, air heater with two fly ash hoppers, economizer and ash handling system. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include 1250 HP primary combustion air fan, 500 HP secondary combustion air fan and 150 HP multi-staged centrifugal fluidizing air blower. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation shall include 12 compartment fabric collector with 1750 HP induced draft fan, reverse air cleaning mechanism and 100 HP reverse air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fabric collector shall include a minimum of 134,230 sq. ft. of filtering area, fly ash hopper, with 8 KW electric heater, d.p. transmitter, capacitance type high level detector, vibrator and aeration pad. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fly ash collected at fabric collector shall be discharged only to fly ash handling system. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Ash shall only be removed from combustion system by means authorized to Permit to Operate S-91-4. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Operation shall be equipped with the following indicators: combustion temperature, combustion air system pressure, primary and secondary fan air flow, ammonia injection flow, fuel use rate and limestone use rate. The permittee shall operate and maintain instrumentation to continuously monitor and record levels of combustion temperature, consumption of fuel, ammonia, and limestone in boiler. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
11. Each fabric collector compartment shall be equipped with access door and differential pressure indicator. The differential pressure across each compartment shall be maintained between 2" and 9.5" water column. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. Fabric collector inlet shall be equipped with operational pressure indicator and high temperature alarm which activates prior to high temperature failure. The pressure shall not exceed negative 35" water column. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Fabric collector shall be equipped with automatic cleaning mechanism. [District NSR Rule] Federally Enforceable Through Title V Permit
14. All combustor exhaust gas shall pass through fabric collector prior to being emitted to atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Unit shall be operated as a low temperature combustor with a peak temperature range of 1550 to 1750 deg F. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Unit shall be operated as a staged combustion device by introducing a substoichiometric amount of combustion air into primary combustion zone. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Flue gas O₂ content shall be maintained at a level (3%-5%) which shows compliance with all emission limits and which minimizes NO_x emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
18. There shall be no provisions for introduction of air into combustion system or exhaust system downstream of the combustion chamber except for air utilized for cyclone center pipe supports and cooling. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Combustor shall be fired only on natural gas, coal, petroleum coke, tire derived fuel (TDF) or combinations thereof as allowed for by this permit. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
20. No more than 1,400,000 lbs/day and 58,333 lbs/hr (on a dry basis) of solid fuel of no more than 4.0% by weight sulfur shall be introduced into the combustor. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
21. Of the total fuel introduced into the combustor, no more than 154,000 lbs per day (on a dry basis) shall be TDF. [District Rule 2201] Federally Enforceable Through Title V Permit
22. A minimum of 0.035 lbm limestone/lbm of fuel shall be introduced into the combustor. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Limestone shall be introduced into combustor at a rate sufficient to maintain a minimum Ca/S molar ratio of 3. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Ammonia breakthrough shall not result in ground level odors and exhaust stack concentrations, except during periods of start-up/shutdown, shall not exceed 20.0 ppmv based on three hour rolling average. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Emissions rates from boiler exhaust shall not exceed the following: PM₁₀: 190.0 lb/day, VOC: 149.9 lb/day, NO_x (as NO₂): 1406.4 lb/day, SO_x (as SO₂): 699.4 lb/day and CO: 1207.2 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
26. Emission rate of PM-10 shall not exceed 7.92 lb/hr and 0.012 lb/MMBtu. Particulate Matter (PM) emissions shall not exceed 0.01 gr/dscf @ 12% CO₂. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
27. Emission rate of SO_x (as SO₂) shall not exceed 25.0 lb/hr, based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
28. SO_x emissions (as SO₂) shall not exceed 0.04 lb/MMBtu, based on a three hour rolling average, during any period in which the power output exceeds 40 MW. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
29. Emission rate of oxides of nitrogen as NO₂ shall not exceed 58.60 lb/hr, based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
30. NO_x emissions shall not exceed 0.20 lb/MMBtu at any time, except during startup and shutdown (as defined in Rule 4352), based on a 24 hour averaging period. [District Rule 4352, 5.1] 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.

31. NOx emissions shall not exceed 0.092 lb/MMBtu, based on a three hour rolling average, during any period in which the power output exceeds 40 MW. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
32. Emission rate of volatile organic compounds shall not exceed 6.25 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
33. Emission rate of carbon monoxide shall not exceed 50.30 lb/hr based on three hour rolling average. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
34. Except during periods of startup and shutdown (as defined in Rule 4352), the emission rate of carbon monoxide shall not exceed 400 ppmv @ 3% O₂, based on a 24 hour averaging period. [District Rule 4352, 5.3] Federally Enforceable Through Title V Permit
35. The main exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples using approved EPA test methods. [District Rule 1081, 3.0] Federally Enforceable Through Title V Permit
36. Performance testing at maximum operating capacity shall be conducted annually for NOx, SOx, CO, PM-10, PM, and VOCs at the maximum operating capacity using following test methods; for NOx EPA Methods 1-4 and 7 or ARB Method 100; for SOx EPA Methods 1-4 and 6 or ARB Method 100; for CO EPA Method 1-4 and 10 or ARB Method 100; for PM(10) EPA Method 201A in combination with EPA Method 202; for PM EPA Methods 1-4 and 5; and for VOCs EPA Method 25 or 18. [District Rule 4352, 6.4; District Rule 2520, 9.4.2; PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
37. The District and EPA must be notified 30 days prior to any performance testing and a test plan shall be submitted for District approval 15 days prior to such testing. [District Rule 1081, 7.1 & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
38. Performance testing shall be witnessed or authorized District personnel and EPA. Test results must be submitted to the District within 60 day of performance testing. [District Rule 1081, 7.2, 7.3 & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
39. Permittee shall report the following emission exceedences to the District: SO₂, NOx, and CO hourly emission rates on a three hour rolling average and daily emissions limitations. Excess emissions shall be defined as any consecutive 3-hour period during which the average emissions for CO, SO₂, and NOx as measured by continuous monitoring system, exceeds the mass or concentration limit set for each pollutant. [District NSR Rule and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
40. At the time of performance testing fuel being burned shall be tested for sulfur, nitrogen, ash content and heating value. [District NSR Rule] Federally Enforceable Through Title V Permit
41. Operator shall operate and maintain in calibration a system which continuously measures and records control system operating parameters; elapsed time of operation; exhaust gas Opacity, NOx, SO₂, CO, and NH₃ concentrations. [District NSR Rule; District Rule 1080, 4.0; & PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
42. The continuous emissions monitoring system shall meet the performance specification requirements in 40 CFR 60, Appendix B; 40 CFR 60, Appendix F; and 40 CFR 51, Appendix P, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080, 6.5 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
43. Operator shall operate and maintain in calibration a system which continuously measures and records stack gas volumetric flow rates meeting the performance specifications of 40 CFR Part 52, Appendix E. [PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
44. Results of continuous emissions monitoring must be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080, 7.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

45. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance of any CEMs that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080, 7.3 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
46. Permittee shall submit a CEMs written report for each calendar quarter to the District and to EPA. The report is due on the 30th day following the end of the calendar quarter. [District Rule 1080, 8.0 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
47. Quarterly report shall include: time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and a negative declaration when no excess emissions occurred. [District Rule 2520, 9.6.1; Rule 1080, 8.0; and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
48. Any violation of emission standards, as indicated by the CEM, shall be reported by the operator to the APCO within 96 hours. [District Rule 1080, 9.0] Federally Enforceable Through Title V Permit
49. Operator shall notify the District no later than eight hours after the detection of a breakdown of the CEM. The operator shall inform the District of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080, 10.0] Federally Enforceable Through Title V Permit
50. Permittee shall maintain an operating log containing type and quantity of fuel used and higher heating value of such fuels on daily basis. [District Rule 2520, 9.4.2; District Rule 4352, 6.2] Federally Enforceable Through Title V Permit
51. Sulfur content of the each type of fuel shall be measured and recorded at least every calendar quarter using current ASTM Methods or shall be certified by supplier for each shipment. [District Rule 2520, 9.3.2 and PSD ATC SJ 86-09] Federally Enforceable Through Title V Permit
52. The differential pressure across each compartment of the fabric collectors shall be checked and the results recorded quarterly. If the differential pressure across each compartment of the fabric collectors is not between 2" and 9.5" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure differential is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
53. The pressure at the fabric collector inlet shall be checked and the results recorded quarterly. If the pressure at the fabric collector inlet is greater than negative 35" water column, corrective action is required prior to further operation of the equipment. Corrective action means that the cause of the improper pressure is corrected before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
54. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
55. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
56. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-4-5

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

BOTTOM ASH AND FLY ASH HANDLING, STORAGE AND LOADOUT OPERATION WITH ELECTRIC MOTOR
HORSEPOWER NOT TO EXCEED 285 HP

PERMIT UNIT REQUIREMENTS

1. Bottom ash collection system shall include: two enclosed screw conveyors with rotary air locks, two surge hoppers, one 4 tph vacuum conveyor, and one 78 ton bottom ash storage silo with cyclone followed by fabric filter (FI526). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Bottom ash discharged from surge hoppers shall be conveyed via the vacuum conveyor through the cyclone and fabric filter referenced in condition 1 and shall be collected in the bottom ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The cyclone and fabric filter referenced in condition 1 shall be served by two 60 hp vacuum blowers (one operating, one standby), which discharge through an in line filter to the fluidized bed combustor (S- 91-3) secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Bottom ash storage silo shall vent through bin vent fabric filter (FI527) to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Bottom ash storage silo shall be equipped with one 15 tph coaxial truck unloading spout. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Air displaced during truck loading of bottom ash shall be ventilated back through bottom ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fly ash collection system shall include: one 8 tph vacuum conveyor and one 310 ton fly ash storage silo with cyclone and fabric filter (FI524). [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fly ash shall be conveyed from the fabric filter and air heater hoppers of the fluidized bed combustor through the cyclone and fabric filter referenced in condition 7 and shall be collected in the fly ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The cyclone and fabric filter referenced in condition 7 shall be served by two 75 hp vacuum blowers (one operating, one standby), which discharge through an in line filter to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Fly ash storage silo shall vent through bin vent fabric filter (FI525) to the fluidized bed combustor secondary combustion air fan. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fly ash storage silo shall be equipped with one 35 tph coaxial truck unloading spout. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Air displaced during truck loading of fly ash shall be ventilated back through fly ash storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Only enclosed trucks which mate with coaxial loadout spouts shall be utilized. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Operation shall include two 7.5 hp fluidizing bed blowers, serving, in common, both the bottom and fly ash storage silos. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Each ash storage silo shall be dust tight and shall vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Each fabric collector authorized for this operation shall be equipped with an automatically activated reverse pulse jet cleaning mechanism and an operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Fabric collectors shall be equipped with dust-tight provisions to return collected material to process equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Fabric collectors exhaust shall discharge only to fluidized bed combustor secondary combustion air manifold. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Secondary combustion air bypass stack shall be open only when the fluidized bed combustor is shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Bottom ash silo bin vent filter (FI527) shall have twenty-five 7' long x 5.75" diameter Nomex bags. [District NSR Rule] Federally Enforceable Through Title V Permit
21. Fly ash silo bin vent filter (FI525) shall have twenty-five 7' long x 5.75" diameter Nomex bags. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Fabric collector (FI524) shall have twenty-four 10' long x 5.75" diameter bags. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Fabric collector (FI526) shall have twenty-four 8' 4" long x 5.75" diameter bags. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Visible emissions from any equipment authorized for these source operations shall not exceed 5% in opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
25. Ash shall not be transferred into silos or loaded into trucks unless fabric collectors are in use and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
26. All roadways, driveways and vehicular work areas shall be surfaced and maintained with slow cure asphalt paving or concrete. [District Rules 4101 and 4641 and District NSR Rule] Federally Enforceable Through Title V Permit
27. PM10 emissions shall not exceed 0.00 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
28. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
29. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
30. Visible emissions from operation shall be checked and record results monthly. If visible emissions are observed, corrective action is required prior to further loading. Corrective action means that visible emissions are eliminated before next loading event. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
31. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-5-2

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

24,600 GALLON WATER TREATMENT LIME STORAGE SILO INCLUDING FABRIC COLLECTOR WITH 5 HP FAN, ONE 1000 LBM/HR SILO DISCHARGE ACTIVATOR AND ONE 1000 LBM/HR ENCLOSED VOLUMETRIC FEEDER

PERMIT UNIT REQUIREMENTS

1. Lime storage silo shall be dust-tight and vent only to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Fabric collector shall be equipped with automatically activated reverse jet cleaning mechanism and operational differential pressure indicator across each compartment. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector shall be equipped with dust-tight provisions to return collected material to lime storage silo. [District NSR Rule] Federally Enforceable Through Title V Permit
4. No more than 50 tons/day of lime shall be loaded into silo. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Lime shall not be transferred into silo unless fabric collector is operating and functioning properly. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Visible emissions from lime mixing tank shall be less than 5% in opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Lime silo loading operation shall not exceed 3 hr/day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. PM-10 emissions shall not exceed 0.17 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Fabric collection system shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Fabric collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Visible emissions from the lime storage silo, the fabric collectors, and the mixing tank shall be checked and the results recorded annually. If visible emissions are observed, corrective action is required prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit
12. Records of fabric collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

13. Operator shall maintain records of hours of operation of limestone receiving system on monthly basis and amount of lime loaded into the silo on daily basis. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

Facility Name: MT POSO COGENERATION COMPANY

Location: HEAVY OIL CENTRAL, CA

S-91-5-2 - Sep 22 2010 9:37AM - CTIBORD

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-7-3

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

235 BHP CATERPILLAR MODEL 3208T DIESEL-FIRED EMERGENCY IC ENGINE WITH A TURBOCHARGER
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 NSR Rule and District Rule 4702] Federally Enforceable Through Title V Permit
2. The engine shall be equipped with a positive crankcase ventilation system. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District NSR Rule] 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. This engine shall be operated only for maintenance, testing, and 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
6. Permittee shall submit a written record of annual hours of operation of IC engine within 60 days prior to yearly permit anniversary. [District Rules 1070, 4.0 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. Emission rates from this IC engine shall not exceed any of the following limits: 1.00 gr-PM10/hp-hr, 0.17 gr-SOx (as SO2)/hp-hr, 5.70 gr-NOx (as NO2)/hp-hr, 0.030 gr-VOC/hp-hr, and 5.3 gr-CO/hp-hr. [District NSR Rule] Federally Enforceable Through Title V Permit
8. 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] Federally Enforceable Through Title V Permit
9. 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
10. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: S-91-8-2

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

36,000 GPM HAMON MODEL #3374 THREE-CELL COOLING TOWER WITH 1,450 HP TOTAL

PERMIT UNIT REQUIREMENTS

1. No hexavalent chromium containing compounds shall be added to cooling tower circulating water. [District Rule 7012]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-91-9-2

EXPIRATION DATE: 08/31/2009

SECTION: SW18 **TOWNSHIP:** 27S **RANGE:** 28E

EQUIPMENT DESCRIPTION:

PETROLEUM COKE RECEIVING, UNLOADING AND OPEN STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. Total time of fuel unloading at this permit unit and permit unit S-91-1-3 together shall not exceed 8 aggregate hours/day. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Total quantity of petroleum coke unloaded shall not exceed 700 tons day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Total surface area of open air petroleum coke storage area shall not exceed 0.5 acre. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Petroleum coke shall have a minimum moisture content of 10% as received. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Visible emissions produced during petroleum coke unloading, storage and loading shall not exceed 5% opacity for period or periods aggregating more than 3 minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Permittee shall maintain a daily record of the quantity and moisture content of petroleum coke unloaded and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. Permittee shall maintain a daily record of the number of hours petroleum coke is unloaded and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
8. Visible emissions from the petroleum coke storage operation shall be checked annually under environmental conditions (dry/windy) where high emissions are expected. If visible emissions are observed, corrective action is required prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [District Rule 2520, 9.3.2 and 9.4.2] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Detailed Facility List

Detailed Facility Report
For Facility=91
Sorted by Facility Name and Permit Number

MT POSO COGENERATION COMPANY	FAC #	S 91	TYPE:	TitleV	EXPIRE ON:	08/31/2009
HEAVY OIL CENTRAL	STATUS:	A	TOXIC ID:	50171	AREA:	5 /
CA	TELEPHONE:	6616633155			INSP. DATE:	08/11

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-91-1-9	No applicable fee	999-99	1	0.00	0.00	A	COAL/PETROLEUM COKE RECEIVING, HANDLING AND STORAGE OPERATION AND TIRE DERIVED FUEL (TDF) RECEIVING AND TRANSFERRING OPERATION
S-91-2-5	No applicable fee	999-99	1	0.00	0.00	A	LIMESTONE STORAGE, HANDLING AND RECEIVING OPERATION INCLUDING 39,900 GALLON STORAGE SILO WITH FABRIC COLLECTOR AND EXHAUST FAN, TWO ROTARY AIR LOCK FEEDERS, TWO WEIGH BELT FEEDERS AND TWO ROTARY AIR LOCKS
S-91-3-10	49,900 kW built before 3/17/99	3020-08A G	1	10,215.00	10,215.00	A	49.9 MW COAL/PETROLEUM COKE AND TIRE DERIVED FUEL (TDF) FIRED ATMOSPHERIC CIRCULATING FLUIDIZED BED COMBUSTOR COGENERATION POWER PLANT
S-91-4-5	No applicable fee	999-99	1	0.00	0.00	A	BOTTOM ASH AND FLY ASH HANDLING, STORAGE AND LOADOUT OPERATION WITH ELECTRIC MOTOR HORSEPOWER NOT TO EXCEED 285 HP
S-91-5-2	No applicable fee	999-99	1	0.00	0.00	A	24,600 GALLON WATER TREATMENT LIME STORAGE SILO INCLUDING FABRIC COLLECTOR WITH 5 HP FAN, ONE 1000 LBM/HR SILO DISCHARGE ACTIVATOR AND ONE 1000 LBM/HR ENCLOSED VOLUMETRIC FEEDER
S-91-7-3	235 hp IC Engine	3020-10 C	1	240.00	240.00	A	235 BHP CATERPILLAR MODEL 3208T DIESEL-FIRED EMERGENCY IC ENGINE WITH A TURBOCHARGER POWERING A FIREWATER PUMP
S-91-8-2	No applicable fee	999-99	1	0.00	0.00	A	36,000 GPM HAMON MODEL #3374 THREE-CELL COOLING TOWER WITH 1,450 HP TOTAL
S-91-9-2	No applicable fee	999-99	1	0.00	0.00	A	PETROLEUM COKE RECEIVING, UNLOADING AND OPEN STORAGE OPERATION

Number of Facilities Reported: 1