



AUG 30 2011

Kelly Lucas
Mid-Set Cogeneration Company
P O Box 80178
Bakersfield, CA 93224

**Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # S-2592
Project # S-1074574**

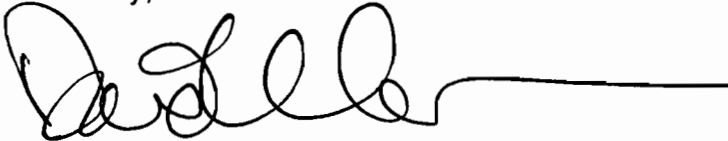
Dear Mr. Lucas:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Mid-Set Cogeneration Company for its cogeneration power plant located in the Heavy Oil Western stationary source in Kern County, 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,



David Warner
Director of Permit Services

Attachments

DW: HR/cm

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



AUG 30 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-2592
Project # S-1074574**

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 Mid-Set Cogeneration Company for its cogeneration power plant located in the Heavy Oil Western stationary source in Kern County, 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

Attachments

DW: HR/cm

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



AUG 30 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-2592
Project # S-1074574**

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 Mid-Set Cogeneration Company for its cogeneration power plant located in the Heavy Oil Western stationary source in Kern County, 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

Attachments

DW: HR/cm

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

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 to Mid-Set Cogeneration Company for its cogeneration power plant located in the Heavy Oil Western stationary source in Kern County, California.

The District's analysis of the legal and factual basis for this proposed action, project #S-1074574, 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500. 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
Mid-Set Cogeneration Company
S-2592

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	3
VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE	5
VIII. PERMIT REQUIREMENTS	5
IX. PERMIT SHIELD	15
X. PERMIT CONDITIONS	16
XI. ATTACHMENTS	16
A. DRAFT RENEWED TITLE V OPERATING PERMIT	
B. PREVIOUS TITLE V OPERATING PERMIT	
C. DETAILED FACILITY LIST	

TITLE V PERMIT RENEWAL EVALUATION
Cogeneration Power Plant

Engineer: Homero Ramirez
Date: August 9, 2011

Facility Number: S-2592
Facility Name: Mid-Set Cogeneration Company
Mailing Address: P O Box 80178
Bakersfield, CA 93224

Contact Name: Kelly Lucas
Phone: (661) 615-4630

Responsible Official: Kelly Lucas
Title: Executive Director

Project # : S-1074574
Deemed Complete: October 10, 2007

I. PROPOSAL

Mid-Set Cogeneration Company was issued a Title V permit on May 1, 1998. 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 last renewal of the 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

Mid-Set Cogeneration Company is located at 13705 Shale Road in Fellows, CA, within Kern County's Heavy Oil Western stationary source at USGS Section 36, Township 31S, Range 22E MDB&M.

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 does not propose to use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant is not requesting any model general permit templates. Therefore, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2020, Exemptions
(amended September 21, 2006 ⇒ amended December 20, 2007)
- District Rule 2201, New and Modified Stationary Source Review Rule
(amended September 21, 2006 ⇒ April 21, 2011)
- 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 4702, Internal Combustion Engines – Phase 2
(adopted August 21, 2003 ⇒ amended January 18, 2007)
- District Rule 4703, Stationary Gas Turbines
(amended August 17, 2006 ⇒ amended September 20, 2007)
- 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 60, Subpart A, General Provisions
(amended December 22, 2008)
- 40 CFR 60, Subpart GG, Standards for Performance of Stationary Gas Turbines (amended February 24, 2006)

B. Rules Not Updated

- 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 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 (amended June 21, 2001)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)

- District Rule 4701, Internal Combustion Engines – Phase 1 (amended August 21, 2003)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- 40 CFR Part 64, Compliance Assurance Monitoring
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
- 40 CFR Part 82, Subpart F, Stratospheric Ozone

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

S-2592-1-9: 39.86 MW Gas Turbine Engine Cogeneration System

- Conditions 8 and 20 of the proposed permit are based on this rule.

S-2592-2-2: 532 hp Transportable Diesel-Fired IC Engine

- Conditions 2, 10, 11, 13 of the proposed permit are based on this rule.

VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the last renewal of this facility's Title V permit.

A. District Rule 2020 - Exemptions

District Rule 2020 lists equipment which are specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. This rule was amended on December 20, 2007. The

amendments to this rule do not have any effect on current permit requirements and will therefore not be addressed in this evaluation.

B. District Rule 2201 - New and Modified Stationary Source Review Rule

District Rule 2201 has been amended since the last renewal of the facility's Title V permit. This Title V permit renewal does not constitute a modification per section 3.24, 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.

C. District Rule 2520 - Federally Mandated Operating Permits

District Rule 2520 *has not* been amended since the last renewal of the facility's Title V permit. There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40 CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40 CFR 71.2). Therefore, there will be no further discussion of GHG in this evaluation.

D. District Rule 4101 - Visible Emissions

District Rule 4101 has been amended since the last renewal of the facility's Title V permit. Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

S-2592-0-2: Facility-Wide Requirements

- Conditions 22 and 40 of the proposed permit ensure compliance with this rule.

S-2592-2-2: 532 hp Transportable Diesel-Fired IC Engine

- Condition 4 of the proposed permit ensures compliance with this rule.

E. District Rule 4601 - Architectural Coatings

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

The following changes were included in the latest rule amendment (December 17, 2009):

- The tables outlining the VOC content of different specialty coatings has been largely replaced with the Table of Standards in Section 5.0.
- New labeling, reporting, test methodology and other requirements have been incorporated into the rule in order to allow ARB to administer the Averaging Program as detailed in Section 8.0.

The current rule differs significantly from the previously SIP approved 10/31/01 version:

Section 2.0 – Applicability

The phrase “blends or repackages” was added to rule language to extend the applicability of rule language to facilities involved in those activities.

Section 3.0 – Definitions

Numerous definitions were added, deleted or modified in order to make the amended rule harmonize with definitions and rule requirements presented in the California Air Resources Board (ARB) Suggested Control Measures (SCM).

Section 4.0 – Exemptions

A reporting requirement was added for any architectural coating that is sold in a container with a volume of one liter or less. The exemption for architectural coatings was further defined by adding “coatings that are

supplied and offered for sale” to current language, in order to make the rule consistent with the ARB SCM.

Section 5.0 – Requirements

The amended rule implements the recommended VOC limits per the ARB SCM. The following changes were as follows: 15 coating categories were eliminated, ten were added, nineteen coatings categories remained unchanged, and the VOC content limits for 19 categories were lowered.

Section 6.0 – Administrative Requirements

Section 6.1 – Labeling Requirements

Labeling requirements were updated to add new labeling standards consistent with new coatings categories per the SCM.

Section 6.2 – Reporting Requirements

A new section was added to include reporting requirements per the SCM. The SCM contains a new requirement to submit sales data. Collection of this data is authorized in the California Health and Safety Code which requires submission of data to estimate emissions.

Section 6.3 – Test Methods

New sections were added to coincide with new coating categories pursuant to the ARB SCM.

Section 7.0 – Compliance Schedule

This section was updated to account for the new amendments to rule language by adding the phrase “the dates specified within the text of the rule.”

Section 8.0 – Averaging Compliance Option

This section was deleted in its entirety.

The revised requirements will be included in the facility-wide requirements as the following conditions:

S-2592-0-2: Facility-Wide Requirements

- Conditions 23-25 and 40 ensure compliance with the revised requirements of this rule.

F. 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 internal combustion engine with a rated brake horsepower greater than 50 horsepower.

The single engine at this facility (S-2592-2) satisfies Section 4.2.2 of this rule which exempts an engine from the requirements of this rule except for the requirements of Section 5.7 and 6.2.3. The engine meets Section 4.2.2 because it does not operate more than 200 hours per calendar year and does not 1) generate electrical power to feed into a utility power grid, 2) generate mechanical power used to reduce electrical power purchased by a stationary source, or 3) used in a distributed generation application.

Section 5.7 of this rule requires that the owner of an engine subject to section 4.2 shall comply with the requirements specified in Section 5.7.2 through Section 5.7.5 below:

- 1) Properly operate and maintain each engine as recommended by the engine manufacturer or emission control system supplier.
- 2) Monitor the operational characteristics of each engine as recommended by the engine manufacturer or emission control system supplier.
- 3) Install and operate 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 and is allowed by Permit-to-Operate or Stationary Equipment Registration condition. The owner of the engine shall properly maintain and operate the time meter or alternative device in accordance with the manufacturer's instructions.

Therefore, the following permit conditions will continue to ensure compliance:

- Operation of the engine shall not exceed 200 hours per year, as determined by an operational nonresettable elapsed operating time meter or other APCO approved alternative. [District Rules 2201 and 4702]
- During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]

- This engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702]

Additionally, 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 submitted to the APCO upon request and at the end of each calendar year in a manner and form approved by the APCO. The engine-operating log shall include, on a monthly basis, the following information:

- Total hours of operation,
- Type of fuel used,
- Maintenance or modifications performed,
- Monitoring data,
- Compliance source test results, and
- Any other information necessary to demonstrate compliance with this Rule.

Therefore, the following condition on the permit will continue to ensure compliance:

- {3847} The permittee shall maintain an engine-operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702.

S-2592-2-2: 532 hp Transportable Diesel-Fired IC Engine

- Conditions 3, 6, 9, 11, 16, and 17 of the proposed permit ensure compliance with this rule.

G. District Rule 4703 - Stationary Gas Turbines

The rule limits oxides of nitrogen (NO_x) emissions from stationary gas turbine systems. The provisions of this rule apply to all stationary gas turbine systems, which are subject to District permitting requirements, and with ratings equal to or greater than 0.3 megawatt (MW) or a maximum heat input rating of more than 3,000,000 Btu per hour. This rule was amended September 20, 2007. Sections 2, 3, 4, 5, 6, 7, and 8 of this rule have been updated.

Other than the revision to the updated rule sections and the revision date of the rule, the amendments to this rule do not have any effect on current permit requirements as the gas turbine engines currently meet the requirements of the amended rule.

S-2592-1-9: 39.86 MW Gas Turbine Engine Cogeneration System

- Condition 43 of the proposed permits was revised to reflect the updated Rule sections.
- Condition 52 of the proposed permits was revised to reflect the latest revision date of the Rule.
- Conditions 1, 30, 31, 43, 44, 46-50, 52 of the proposed permits assure compliance with the rule.

H. District Rule 8011 - General Requirements

The purpose of Regulation VIII (Fugitive PM10 Prohibitions) is to reduce ambient concentrations of fine particulate matter (PM10) by requiring actions to prevent, reduce or mitigate anthropogenic fugitive dust emissions. The Rules contained in this Regulation have been developed pursuant to United States Environmental Protection Agency guidance for Serious PM10 Nonattainment Areas. The rules are applicable to specified anthropogenic fugitive dust sources. Fugitive dust contains PM10 and particles larger than PM10. Controlling fugitive dust missions when visible emissions are detected will not prevent all PM10 emissions, but will substantially reduce PM10 emissions.

The provisions of this rule are applicable to specified outdoor fugitive dust sources. The definitions, exemptions, requirements, administrative requirements, recordkeeping requirements, and test methods set forth in this rule are applicable to all Rules under Regulation VIII (Fugitive PM10 Prohibitions) of the Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District.

S-2592-0-2: Facility-Wide Requirements

- Conditions 29 through 34 of permit unit S-2592-0-2 ensure compliance.

I. District Rule 8021 - Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities

The purpose of this rule is to limit fugitive dust emissions from construction, demolition, excavation, extraction, and other earthmoving activities.

This rule applies to any construction, demolition, excavation, extraction, and other earthmoving activities, including, but not limited to, land clearing, grubbing, scraping, travel on site, and travel on access roads to and from the site. This rule also applies to the construction of new landfill disposal sites or modification to existing landfill disposal sites prior to commencement of landfilling activities.

Section 5.0 requires that no person shall perform any construction, demolition, excavation, extraction, or other earthmoving activities unless the appropriate requirements in sections 5.1 and 5.2 are sufficiently implemented to limit VDE to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

S-2592-0-2: Facility-Wide Requirements

- Conditions 29 and 40 of permit unit S-2592-0-2 ensure compliance.

J. District Rule 8031 - Bulk Materials

The purpose of this rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials.

This rule applies to the outdoor handling, storage, and transport of any bulk material.

Section 5.0 requires that no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of this rule are sufficiently implemented to limit VDE to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

S-2592-0-2: Facility-Wide Requirements

- Conditions 30 and 40 of permit unit S-2592-0-2 ensure compliance.

K. District Rule 8041 - Carryout and Trackout

The purpose of this rule is to limit fugitive dust emissions from carryout and trackout.

This rule applies to all sites that are subject to Rules 8021 (Construction, Demolition, Excavation, Extraction, and other Earthmoving Activities), 8031 (Bulk Materials), and 8071 (Unpaved Vehicle and Equipment Traffic Areas) where carryout or trackout has occurred or may occur.

Section 5.0 requires that an owner/operator shall sufficiently prevent or cleanup carryout and trackout as specified in sections 5.1 through 5.8. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII. The use of blower devices, or dry rotary brushes or brooms, for removal of carryout and trackout on public roads is expressly prohibited. The removal of carryout and trackout from paved public roads does not exempt an owner/operator from obtaining state or local agency permits which may be required for the cleanup of mud and dirt on paved public roads.

S-2592-0-2: Facility-Wide Requirements

- Conditions 31 and 40 of permit unit S-2592-0-2 ensure compliance.

L. District Rule 8051 - Open Areas

The purpose of this rule is to limit fugitive dust emissions from open areas.

This rule applies to any open area having 3.0 acres or more of disturbed surface area that has remained undeveloped, unoccupied, unused, or vacant for more than seven days.

Section 5.0 requires that whenever open areas are disturbed or vehicles are used in open areas, the owner/operator shall implement one or a combination of control measures indicated in Table 8051-1 to comply with the conditions of a stabilized surface at all times and to limit VDE to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

S-2592-0-2: Facility-Wide Requirements

- Conditions 32 and 40 of permit unit S-2592-0-2 ensure compliance.

M. District Rule 8061 - Paved and Unpaved Roads

The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria.

This rule applies to any new or existing public or private paved or unpaved road, road construction project, or road modification project.

S-2592-0-2: Facility-Wide Requirements

- Conditions 33 and 40 of permit unit S-2592-0-2 ensure compliance.

N. District Rule 8071 - Unpaved Vehicle/Equipment Traffic Area

The purpose of this rule is to limit fugitive dust emissions from unpaved vehicle and equipment traffic areas by implementing control measures and design criteria.

This rule applies to any unpaved vehicle/equipment traffic area of 1.0 acre or larger. Sections 5.1.1 and 5.1.2 have been updated with revised number of vehicle trips per day, and these changes have been incorporated in the permit conditions as stated below:

S-2592-0-2: Facility-Wide Requirements

- Conditions 34 and 40 of permit unit S-2592-0-2 have been revised to reflect the updated rule.

O. 40 CFR 60, Subpart A - General Provisions

Numerous EPA air emissions standards require specific work practices for equipment leak detection and repair. On April 6, 2006, EPA proposed a voluntary alternative work practice for leak detection and repair using a newly developed technology, optical gas imaging. The alternative work practice is an alternative to the current leak detection and repair work practice, which is not being revised. The proposed alternative has been amended in this final rule to add a requirement to perform monitoring once per year using the current Method 21 leak detection instrument. This action revises the General Provisions to incorporate the final alternative work practice. This subpart was amended on December 22, 2008.

Since the permit units are not subject to leak detection conditions using Method 21 leak detection instrument, the amended provisions are not applicable the subject gas turbines.

S-2592-1-9: 39.86 MW Gas Turbine Engine Cogeneration System

- Conditions 11, 35, 45, and 47 of the proposed permits assure compliance with the rule.

P. 40 CFR 60, Subpart GG - Standards of Performance for Stationary Gas Turbines

The provisions of this subpart are applicable to all stationary gas turbines with a heat input at peak load equal to or greater than 10 million Btu per hour. Section 60.334 and 60.335 of this Subpart was amended February 24, 2006.

The amended provisions, 40 CFR 60.334(c), (e), and (f) clarify that the monitoring methods are options rather than requirements for turbines that do not use water or steam to control NO_x emissions. In addition, the introductory text of 46 CFR 60.334(j), 60.334(j)(1)(iv), and 40 CFR 60.335(b)(8) were also revised to reflect the amended provisions of 40 CFR 60.334(c), (e), and (f). Since this permit unit uses water/steam injection to control NO_x emissions, the amended provisions are not applicable this gas turbine.

S-2592-1-9: 39.86 MW Gas Turbine Engine Cogeneration System

- Conditions 1, 25, 31, 39, 40, 41, and 50 of the proposed permits assure compliance with the rule.

Q. 40 CFR Part 64 - Compliance Assurance Monitoring

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

- 1) The unit must have an emission limit for the pollutant;
- 2) The unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
- 3) The unit must have a pre-control potential to emit of greater than the major source thresholds.

S-2592-1-9: 39.86 MW Gas Turbine Engine Cogeneration System

The permit unit has emissions limits for all five criteria pollutants (NO_x, SO_x, PM₁₀, CO, and VOC). There are no add-on controls for VOC, SO_x, and PM₁₀, therefore CAM is not applicable for VOC, SO_x, and PM₁₀.

Based on 40 CFR 64.2(b)(1)(vi), NO_x and CO emissions limits are exempt from CAM since the Part 70 permit already specifies a continuous compliance determination method for both NO_x and CO. Therefore, CAM is not applicable and the equipment is exempt from CAM requirements for NO_x and CO emissions.

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

The applicant does not propose to use any model general permit templates.

X. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

XI. ATTACHMENTS

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

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: S-2592-0-2

EXPIRATION DATE: 02/29/2008

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; Kern County Rule 111] 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 and Kern County Rule 111] Federally Enforceable Through Title V Permit
3. {2287} 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. {2290} 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. {2291} 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. {2292} 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. {2293} 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: MID-SET COGENERATION COMPANY
Location: 13705 SHALE RD, FELLOWS, CA

8-2592-0-2; Aug 22 2011 11:18AM - RAMIREZ

10. {2294} 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. {2295} 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. {2296} 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. {2297} 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. {2298} 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. {2299} 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. {2300} 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. {2301} 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. {2302} 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. {2303} 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. {2304} 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. {2305} 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 (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 Kern County Rules 401] 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. {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. {2310} 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. {2311} 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. {2312} 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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
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. {2319} 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. {2320} 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. {2321} 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. {2322} 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 compliance with the following outdated SIP requirements: Kern County Rule 401, Kern County Rule 111, Kern County Rules 201, 202, 203, 204, 208, and 209, Kern County Rule 410.1, and Kern County Rule 423. 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 (12/17/09); 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. The reporting periods for the Report of Required Monitoring begin on January 1 of every 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
42. All permits for facilities #S-1128, S-1129, S-1141, and S-2592 are included in the same Heavy Oil Western stationary source. [District Rule 2201] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2592-1-9

EXPIRATION DATE: 02/29/2008

SECTION: 36 TOWNSHIP: 31S RANGE: 22E

EQUIPMENT DESCRIPTION:

39.86 MW GENERAL ELECTRIC, FRAME 6, MODEL PG6531(B) GAS-FIRED GAS TURBINE ENGINE COGENERATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. Operator shall maintain a stationary gas turbine operating log that includes, on a daily basis the actual local start-up and stop time, length and reason for reduced load periods, total hours of operation and quantity of fuel used. [District Rule 4703, 6.2.6; 40 CFR 60.332(a),(b) and 40 CFR Part 64] Federally Enforceable Through Title V Permit
2. A violation of NOx emission standards indicated by the NOx CEM shall be reported by the operator to the APCO within 96 hours. [District Rule 1080, 9.0 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
3. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the CEM. Operator shall inform the APCO of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080, 10.0 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
4. Cogeneration unit shall include General Electric, Frame 6, mode PG6531(B), natural gas fired turbine engine, Pneumafil PVC media type inlet air evaporative cooler and turbine combustor water injection system for NOx control. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Cogeneration unit shall include 215,000 pounds per hour unfired heat recovery steam generator, Mitsubishi selective catalytic reduction NOx control system with ammonia injection and continuously recorded emission monitors for NOx, CO and CO2. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. Gas turbine engine shall not burn more than 11.76 MMscf/day of natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All gas turbine engine exhaust shall flow through catalyst bed. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Compliance with ammonia slip limit shall be demonstrated by continuously recording the following parameters and calculating the ammonia slip using the following equation: ammonia slip ppm @ 15% O2 = FNH3/ FExhaust - (NOxin - NOxout), where FNH3 = ammonia injection rate(scf/hr), FExhaust = dry exhaust gas flow rate (MMSCF/hr), NOxin = NOx into the SCR catalyst (ppm), NOxout = NOx concentration out of the SCR catalyst (ppm) at 15% O2, NH3 slip = Ammonia Slip (ppm). [District Rule 4102]
9. Turbine maximum heat input rate shall not exceed 500 MMBtu/hr (LHV) when fired on natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Maximum daily emission limitations (DEL) shall not exceed the following: PM-10: 60.0 lb./day, SOx (as SO2): 14.4 lb./day, NOx (as NO2): 259.7 lb./day, VOC: 24.0 lb./day and CO: 259.2 lb./day. [District NSR Rule and District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
11. Startup and shutdown of gas turbine engine, as defined in 40 CFR Subpart 60.2, shall not exceed a time period of two hours and two hours, respectively, per occurrence. [40 CFR Subpart 60.2] 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.

Facility Name: MID-SET COGENERATION COMPANY

Location: 13705 SHALE RD, FELLOWS, CA

8-2592-1-9: Aug 22 2011 11:16AM - RAMIREZH

12. Except during periods of startup/shutdown, gas turbine engine emission rates (three-hour average) shall not exceed: PM10: 2.50 lb/hr, SOx as SO2: 0.6 lb/hr, NOx as NO2: 9 lb/hr, VOC: 1.00 lb/hr and CO: 10.8 lb/hr. [District NSR Rule and District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
13. Permittee shall report the following emission exceedances to the District: emission rates of NOx & CO on a three hour average, NSPS emission rate on one hour average, and DEL of NOx & CO during days of gas turbine engine startup/shutdown. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Except during periods of gas turbine engine startup/shutdown, inlet gas temperature to catalyst bed shall be maintained within the range recommended by catalyst manufacturer of 392 degrees and 752 degrees F. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
15. Except during periods of gas turbine engine startup/shutdown, gas turbine engine shall not be operated unless water injection and SCR system are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
16. If water injection or SCR system are inoperative, gas turbine engine operation shall be curtailed such that compliance with emission limits is achieved. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Except during periods of gas turbine engine startup/shutdown, gas temperature at ammonia injection grid shall be maintained below 2000 F. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
18. On days of gas turbine engine startup/shutdown, permittee shall demonstrate compliance with NOx and CO daily emission limitations by records of calculations using CEM data, fuel rate data, and daily hours of operation data. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
19. Permittee shall maintain accurate records of daily fuel consumption of gas turbine engine and continuous emission monitoring printouts. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
20. Ammonia concentration in exhaust stream shall not exceed 20 ppmv @15% O2 (three hour average). [District Rule 4102]
21. The Relative Accuracy Audit and annual compliance tests shall be conducted by an independent laboratory in accordance with EPA guidelines, and witnessed by the District. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Non-compliance with emission limits shall result in either shutdown or curtailment (reduced fuel consumption) for the permit unit, and an Authority to Construct to modify emission limits shall be required. A variance from this requirement cannot be obtained. [District Rule 1100, 6.3] Federally Enforceable Through Title V Permit
23. Failure of catalysts to perform as required because of catalyst poisoning or fouling shall not be recognized as basis for Rule 1100, Section 4.0 (amended 12/17/92) enforcement exemptions. [District Rule 1100, 4.0] Federally Enforceable Through Title V Permit
24. Compliance source testing for NOx, CO, SOx, VOCs & ammonia shall be conducted annually (or as approved by the District) within 60 days prior to permit anniversary and official test results & field data submitted within 60 days thereafter. [District NSR Rule] Federally Enforceable Through Title V Permit
25. No annual source testing shall be required for SOx emissions if the turbine is fired on PUC-regulated natural gas. [District NSR Rule and 40 CFR Part 60.334(h)(3)] Federally Enforceable Through Title V Permit
26. Samples shall be collected during maximum fuel consumption, use of water and NH3 injection at desired rates, and use of evaporative coolers (if necessary, to test at maximum fuel consumption). [District NSR Rule] Federally Enforceable Through Title V Permit
27. Each one hour period in a three-hour average shall commence upon the hour. The three hour average will be compiled from the three most recent one hour periods. [District NSR Rule] Federally Enforceable Through Title V Permit
28. This facility is part of Chevron's the heavy oil western stationary source, which includes facilities S-1128, S-1129, S-1141, S-1549, and S-2592. [District NSR Rule] Federally Enforceable Through Title V Permit
29. Permittee shall report exceedances of daily emissions limits to the District. [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.

30. Source testing shall be performed for VOCs according to EPA Method 25 or 18, for CO according to EPA Method 10 or 10B, and for SOx according to EPA Method 6 or 8. [District Rule 2520, 9.3.2, District Rule 4703, 6.4] Federally Enforceable Through Title V Permit
31. The owner or operator shall install, operate and maintain in calibration a system which continuously measures and records: emissions control system operating parameters, elapsed time of operation of the turbine, the fuel consumption, and the exhaust gas NOx and O2 concentrations. [District NSR Rule, District Rules 2520, 9.3.2, 4703, 6.2.1, 6.2.3 and 40 CFR 60.334(a) and 40 CFR Part 64] Federally Enforceable Through Title V Permit
32. {2249} CEM cycling times shall be those specified in 40 CFR, Part 51, Appendix P, Sections 3.4, 3.4.1 and 3.4.2, or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080, 6.4] Federally Enforceable Through Title V Permit
33. The continuous NOx and O2 monitoring system shall meet all the applicable requirements in 40 CFR 60, Appendix F, 40 CFR 51, Appendix P, and Part 60, Appendix B, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080, 6.3, 6.5, 6.6 and 7.2] Federally Enforceable Through Title V Permit
34. {2251} The owner or operator shall, upon written notice from the APCO, provide a summary of the data obtained from the CEM systems. This summary of data shall be in the form and the manner prescribed by the APCO. [District Rule 1080, 7.1] Federally Enforceable Through Title V Permit
35. The owner or operator shall maintain records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any CEM system that has been installed pursuant to District Rule 1080, Section 4.0 (as amended 12/17/92), and emission measurements. [40 CFR 60.8(b) and District Rule 1080, 7.3] Federally Enforceable Through Title V Permit
36. Operators of CEM systems installed at the direction of the APCO shall submit a written report for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: 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; A negative declaration when no excess emissions occurred. [District NSR Rule and District Rule 1080, 8.0] Federally Enforceable Through Title V Permit
37. APCO or an authorized representative shall be allowed to inspect, as he or she determines to be necessary, the monitoring devices required by District Rule 1080, Section 11.0 (amended 12/17/92) to ensure that such devices are functioning properly. [District Rule 1080, 11.0] Federally Enforceable Through Title V Permit
38. The owner or operator shall be required to conform to the compliance testing and sampling procedures described in District Rule 1081, Sections 3.0 through 7.0 (as amended 12/16/93). [District Rule 1081, 3.0 through 7.0] Federally Enforceable Through Title V Permit
39. This unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule, District Rule 4801; 40 CFR 60.333(a) and (b); and Kern County Rule 407] Federally Enforceable Through Title V Permit
40. If this unit is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District NSR Rule, District Rule 4801; 40 CFR 60.334(h)(1); and Kern County Rule 407] Federally Enforceable Through Title V Permit
41. If this unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the turbine shall be determined using the Gas Processors Association Method 2377 or ASTM method D 1072, D 4084 or D 3246. [40 CFR 60.335(b)(10)] 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.

42. If this unit is fired on PUC-regulated natural gas, then maintain on file copies of natural gas bills. [District Rule 2520, 9.3.2 and Kern County Rule 407] Federally Enforceable Through Title V Permit
43. Thermal Stabilization Period shall be defined as the start up or shut down time during which the exhaust gas is not within the normal operating temperature range, not to exceed two hours. [District Rule 4703, 3.26 and 3.29] Federally Enforceable Through Title V Permit
44. The owner or operator shall annually source test the exhaust emissions for NO_x and CO concentration corrected to 15% O₂ (dry). EPA Methods 7E or 20 shall be used for NO_x emissions. EPA Methods 10 or 10B shall be used for CO emissions. EPA Methods 3, 3A, or 20 shall be used for Oxygen content of the exhaust gas. Results of the CEM system shall be averaged over a three hour period, using consecutive 15-minute sampling periods. [District Rule 4703, 5.1, 6.3.1, 6.4.1, 6.4.2, and 6.4.3] Federally Enforceable Through Title V Permit
45. {2270} All continuous monitoring systems and monitoring devices shall be installed and operational prior to conducting performance tests. Verification of operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the device. [40 CFR 60.13(b)] Federally Enforceable Through Title V Permit
46. The owner or operator of a stationary gas turbine system shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rules 2520, 9.4.2 and 4703, 6.2.4] Federally Enforceable Through Title V Permit
47. Results of the CEM system shall be averaged over a one hour period, using consecutive 15-minute sampling periods in accordance with 40 CFR 60.13(e)(2) and (h). [40 CFR 60.13(e)(2) and (h); 40 CFR 60.334(a), (b)(2), (c) and District Rule 4703, 6.2.2 and 6.2.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
48. The owner or operator shall not operate the gas turbine under load conditions, excluding the thermal stabilization period or reduced load period, which results in the measured NO_x emissions concentration exceeding the following: 5 ppmv @ 15% O₂ averaged over a three hour period, for the standard option. [District Rule 4703, 5.1] Federally Enforceable Through Title V Permit
49. The owner or operator shall not operate the gas turbine under load conditions, excluding the thermal stabilization period or reduced load period, which results in the measured CO emissions concentration exceeding 200 ppmv @ 15% O₂ averaged over a three hour period. [District Rule 4703, 5.2] Federally Enforceable Through Title V Permit
50. {2277} The HHV and LHV of the fuel combusted shall be determined using ASTM D3588, ASTM 1826, or ASTM 1945. [40 CFR 60.332(a) and (b) and District Rule 4703, 6.4.5] Federally Enforceable Through Title V Permit
51. Compliance with permit conditions in the Title V permit shall be deemed compliance with Kern County Rule 407 as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
52. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.332(a), (a)(1) and (b), 60.333 (a) and (b); 60.334(a), (c)(2), (c)(3), and 60.335(b), (c)(3), and (d); District Rule 4201 (as amended 12/17/92), Section 3 and 4703 (as amended 9/20/07), Sections 5.1.2, 5.2, 6.1, 6.2.1, 6.3.1, 6.3.3, 6.4.1, 6.4.2, 6.4.3, and 6.4.5 as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
53. {2282} Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.7(b), 60.8, 60.8(d), 60.13, and 60.13(b); District Rules 1080 (as amended 12/17/92), Sections 6.3, 6.4, 6.5, 7.0, 7.1, 7.2, 7.3, 8.0, 9.0, 10.0, and 11.0; and 1081 (as amended 12/16/93) as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2592-2-2

EXPIRATION DATE: 02/29/2008

EQUIPMENT DESCRIPTION:

TRANSPORTABLE TIER-3 CERTIFIED DIESEL-FIRED IC ENGINE UP TO 532 HP POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Permittee shall provide written notification to the District within 48 hours of operating an IC engine under this permit (if unit is located onsite longer than 24 hours). Such notification shall include the date the engine was brought onsite, the manufacturer, model number, maximum rated horsepower, and emissions information that documents that the engine meets the emission limits and requirements specified in the permit. [District Rule 1070] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
7. This nonroad transportable engine shall not be operated at one location for more than 12 consecutive months and shall meet all the requirements of a nonroad transportable engine, per CFR Title 40 Part 89. [CCR, Title 17 and District Rule 4701] Federally Enforceable Through Title V Permit
8. The engine shall not operate unless the gas turbine engine operating under permit S-2592-1 is shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
9. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
11. Operation of the engine shall not exceed 200 hours per year, as determined by an operational nonresettable elapsed operating time meter or other APCO approved alternative. [District Rules 2201, 4102, and 4702] Federally Enforceable Through Title V Permit
12. Emissions from the IC engine shall not exceed any of the following limits: 2.80 g-NOx/bhp-hr, 2.61 g-CO/bhp-hr, or 0.20 g-VOC/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: MID-SET COGENERATION COMPANY

Location: 13705 SHALE RD, FELLOWS, CA

S-2592-2-2: Aug 22 2011 11:18AM -- RAMIREZ

13. The PM10 emissions rate from the engine shall not exceed 0.15 g/hp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
16. The permittee shall maintain an engine-operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702. [District Rule 4702] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4702] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: S-2592-0-1

EXPIRATION DATE: 02/29/2008

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 and Kern County Rule 111] 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 and Kern County Rule 111] 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: MID-SET COGENERATION COMPANY
Location: 13705 SHALE RD, FELLOWS, CA
S-2592-0-1 : Aug 10 2011 9:24AM -- RAMIREZH

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 Kern County Rules 401] 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: Kern County Rule 401 and Kern County Rule 111. 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. The reporting periods for the Report of Required Monitoring begin on January 1 of every 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
42. All permits for facilities #S-1128, S-1129, S-1141, S-1549, and S-2592 are included in ChevronTexaco Inc.'s Heavy Oil Western stationary source. [District Rule 2201]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2592-1-7

EXPIRATION DATE: 02/29/2008

SECTION: 36 **TOWNSHIP:** 31S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

39.86 MW GENERAL ELECTRIC, FRAME 6, MODEL PG6531(B) GAS-FIRED GAS TURBINE ENGINE COGENERATION SYSTEM.

PERMIT UNIT REQUIREMENTS

1. Operator shall maintain a stationary gas turbine operating log that includes, on a daily basis the actual local start-up and stop time, length and reason for reduced load periods, total hours of operation and quantity of fuel used. [District Rule 4703, 6.2.6; 40 CFR 60.332(a),(b) and 40 CFR Part 64] Federally Enforceable Through Title V Permit
2. A violation of NOx emission standards indicated by the NOx CEM shall be reported by the operator to the APCO within 96 hours. [District Rule 1080, 9.0 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
3. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the CEM. Operator shall inform the APCO of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080, 10.0 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
4. Cogeneration unit shall include General Electric, Frame 6, mode PG6531(B), natural gas fired turbine engine, Pneumafil PVC media type inlet air evaporative cooler and turbine combustor water injection system for NOx control. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Cogeneration unit shall include 215,000 pounds per hour unfired heat recovery steam generator, Mitsubishi selective catalytic reduction NOx control system with ammonia injection and continuously recorded emission monitors for NOx, CO and CO2. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. Gas turbine engine shall not burn more than 11.76 MMScf/day of natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All gas turbine engine exhaust shall flow through catalyst bed. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Compliance with ammonia slip limit shall be demonstrated by continuously recording the following parameters and calculating the ammonia slip using the following equation: ammonia slip ppm @ 15% O2 = FNH3/ FExhaust - (NOxin - NOxout), where FNH3 = ammonia injection rate(scf/hr), FExhaust = dry exhaust gas flow rate (MMSCF/hr), NOxin = NOx into the SCR catalyst (ppm), NOxout = NOx concentration out of the SCR catalyst (ppm) at 15% O2, NH3 slip = Ammonia Slip (ppm). [District Rule 4102]
9. Turbine maximum heat input rate shall not exceed 500 MMBtu/hr (LHV) when fired on natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Maximum daily emission limitations (DEL) shall not exceed the following: PM-10: 60.0 lb./day, SOx (as SO2): 14.4 lb./day, NOx (as NO2): 259.7 lb./day, VOC: 24.0 lb./day and CO: 259.2 lb./day. [District NSR Rule and District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
11. Startup and shutdown of gas turbine engine, as defined in 40 CFR Subpart 60.2, shall not exceed a time period of two hours and two hours, respectively, per occurrence. [40 CFR Subpart 60.2] 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.

12. Except during periods of startup/shutdown, gas turbine engine emission rates (three-hour average) shall not exceed: PM10: 2.50 lb/hr, SOx as SO2: 0.6 lb/hr, NOx as NO2: 9 lb/hr, VOC: 1.00 lb/hr and CO: 10.8 lb/hr. [District NSR Rule and District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
13. Permittee shall report the following emission exceedences to the District: emission rates of NOx & CO on a three hour average, NSPS emission rate on one hour average, and DEL of NOx & CO during days of gas turbine engine startup/shutdown. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Except during periods of gas turbine engine startup/shutdown, inlet gas temperature to catalyst bed shall be maintained within the range recommended by catalyst manufacturer of 392 degrees and 752 degrees F. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
15. Except during periods of gas turbine engine startup/shutdown, gas turbine engine shall not be operated unless water injection and SCR system are operating. [District NSR Rule] Federally Enforceable Through Title V Permit
16. If water injection or SCR system are inoperative, gas turbine engine operation shall be curtailed such that compliance with emission limits is achieved. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Except during periods of gas turbine engine startup/shutdown, gas temperature at ammonia injection grid shall be maintained below 2000 F. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
18. On days of gas turbine engine startup/shutdown, permittee shall demonstrate compliance with NOx and CO daily emission limitations by records of calculations using CEM data, fuel rate data, and daily hours of operation data. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
19. Permittee shall maintain accurate records of daily fuel consumption of gas turbine engine and continuous emission monitoring printouts. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit
20. Ammonia concentration in exhaust stream shall not exceed 20 ppmv @15% O2 (three hour average). [District Rule 4102]
21. The Relative Accuracy Audit and annual compliance tests shall be conducted by an independent laboratory in accordance with EPA guidelines, and witnessed by the District. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Non-compliance with emission limits shall result in either shutdown or curtailment (reduced fuel consumption) for the permit unit, and an Authority to Construct to modify emission limits shall be required. A variance from this requirement cannot be obtained. [District Rule 1100, 6.3] Federally Enforceable Through Title V Permit
23. Failure of catalysts to perform as required because of catalyst poisoning or fouling shall not be recognized as basis for Rule 1100, Section 4.0 (amended 12/17/92) enforcement exemptions. [District Rule 1100, 4.0] Federally Enforceable Through Title V Permit
24. Compliance source testing for NOx, CO, SOx, VOCs & ammonia shall be conducted annually (or as approved by the District) within 60 days prior to permit anniversary and official test results & field data submitted within 60 days thereafter. [District NSR Rule] Federally Enforceable Through Title V Permit
25. No annual source testing shall be required for SOx emissions if the turbine is fired on PUC-regulated natural gas. [District NSR Rule and 40 CFR Part 60.334(h)(3)] Federally Enforceable Through Title V Permit
26. Samples shall be collected during maximum fuel consumption, use of water and NH3 injection at desired rates, and use of evaporative coolers (if necessary, to test at maximum fuel consumption). [District NSR Rule] Federally Enforceable Through Title V Permit
27. Each one hour period in a three-hour average shall commence upon the hour. The three hour average will be compiled from the three most recent one hour periods. [District NSR Rule] Federally Enforceable Through Title V Permit
28. This facility is part of Chevron's the heavy oil western stationary source, which includes facilities S-1128, S-1129, S-1141, S-1549, and S-2592. [District NSR Rule] Federally Enforceable Through Title V Permit
29. Permittee shall report exceedances of daily emissions limits to the District. [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.

30. Source testing shall be performed for VOCs according to EPA Method 25 or 18, for CO according to EPA Method 10 or 10B, and for SO_x according to EPA Method 6 or 8. [District Rule 2520, 9.3.2, District Rule 4703, 6.4] Federally Enforceable Through Title V Permit
31. The owner or operator shall install, operate and maintain in calibration a system which continuously measures and records: emissions control system operating parameters, elapsed time of operation of the turbine, the fuel consumption, and the exhaust gas NO_x and O₂ concentrations. [District NSR Rule, District Rules 2520, 9.3.2, 4703, 6.2.1, 6.2.3 and 40 CFR 60.334(a) and 40 CFR Part 64] Federally Enforceable Through Title V Permit
32. CEM cycling times shall be those specified in 40 CFR, Part 51, Appendix P, Sections 3.4, 3.4.1 and 3.4.2, or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080, 6.4] Federally Enforceable Through Title V Permit
33. The continuous NO_x and O₂ monitoring system shall meet all the applicable requirements in 40 CFR 60, Appendix F, 40 CFR 51, Appendix P, and Part 60, Appendix B, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080, 6.3, 6.5, 6.6 and 7.2] Federally Enforceable Through Title V Permit
34. The owner or operator shall, upon written notice from the APCO, provide a summary of the data obtained from the CEM systems. This summary of data shall be in the form and the manner prescribed by the APCO. [District Rule 1080, 7.1] Federally Enforceable Through Title V Permit
35. The owner or operator shall maintain records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any CEM system that has been installed pursuant to District Rule 1080, Section 4.0 (as amended 12/17/92), and emission measurements. [40 CFR 60.8(b) and District Rule 1080, 7.3] Federally Enforceable Through Title V Permit
36. Operators of CEM systems installed at the direction of the APCO shall submit a written report for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: 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; A negative declaration when no excess emissions occurred. [District NSR Rule and District Rule 1080, 8.0] Federally Enforceable Through Title V Permit
37. APCO or an authorized representative shall be allowed to inspect, as he or she determines to be necessary, the monitoring devices required by District Rule 1080, Section 11.0 (amended 12/17/92) to ensure that such devices are functioning properly. [District Rule 1080, 11.0] Federally Enforceable Through Title V Permit
38. The owner or operator shall be required to conform to the compliance testing and sampling procedures described in District Rule 1081, Sections 3.0 through 7.0 (as amended 12/16/93). [District Rule 1081, 3.0 through 7.0] Federally Enforceable Through Title V Permit
39. This unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule, District Rule 4801; 40 CFR 60.333(a) and (b); and Kern County Rule 407] Federally Enforceable Through Title V Permit
40. If this unit is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District NSR Rule, District Rule 4801; 40 CFR 60.334(h)(1); and Kern County Rule 407] Federally Enforceable Through Title V Permit
41. If this unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the turbine shall be determined using the Gas Processors Association Method 2377 or ASTM method D 1072, D 4084 or D 3246. [40 CFR 60.335(b)(10)] 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.

42. If this unit is fired on PUC-regulated natural gas, then maintain on file copies of natural gas bills. [District Rule 2520, 9.3.2 and Kern County Rule 407] Federally Enforceable Through Title V Permit
43. Thermal Stabilization Period shall be defined as the start up or shut down time during which the exhaust gas is not within the normal operating temperature range, not to exceed two hours. [District Rule 4703, 3.25] Federally Enforceable Through Title V Permit
44. The owner or operator shall annually source test the exhaust emissions for NO_x and CO concentration corrected to 15% O₂ (dry). EPA Methods 7E or 20 shall be used for NO_x emissions. EPA Methods 10 or 10B shall be used for CO emissions. EPA Methods 3, 3A, or 20 shall be used for Oxygen content of the exhaust gas. Results of the CEM system shall be averaged over a three hour period, using consecutive 15-minute sampling periods. [District Rule 4703, 5.1, 6.3.1, 6.4.1, 6.4.2, and 6.4.3] Federally Enforceable Through Title V Permit
45. All continuous monitoring systems and monitoring devices shall be installed and operational prior to conducting performance tests. Verification of operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the device. [40 CFR 60.13(b)] Federally Enforceable Through Title V Permit
46. The owner or operator of a stationary gas turbine system shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rules 2520, 9.4.2 and 4703, 6.2.4] Federally Enforceable Through Title V Permit
47. Results of the CEM system shall be averaged over a one hour period, using consecutive 15-minute sampling periods in accordance with 40 CFR 60.13(e)(2) and (h). [40 CFR 60.13(e)(2) and (h); 40 CFR 60.334(a), (b)(2), (c) and District Rule 4703, 6.2.2 and 6.2.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
48. The owner or operator shall not operate the gas turbine under load conditions, excluding the thermal stabilization period or reduced load period, which results in the measured NO_x emissions concentration exceeding the following: 5 ppmv @ 15% O₂ averaged over a three hour period, for the standard option. [District Rule 4703, 5.1.2] Federally Enforceable Through Title V Permit
49. The owner or operator shall not operate the gas turbine under load conditions, excluding the thermal stabilization period or reduced load period, which results in the measured CO emissions concentration exceeding 200 ppmv @ 15% O₂ averaged over a three hour period. [District Rule 4703, 5.2] Federally Enforceable Through Title V Permit
50. The HHV and LHV of the fuel combusted shall be determined using ASTM D3588, ASTM 1826, or ASTM 1945. [40 CFR 60.332(a) and (b) and District Rule 4703, 6.4.5] Federally Enforceable Through Title V Permit
51. Compliance with permit conditions in the Title V permit shall be deemed compliance with Kern County Rule 407 as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
52. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.332(a), (a)(1) and (b), 60.333 (a) and (b); 60.334(a), (c)(2), (c)(3), and 60.335(b), (c)(3), and (d); District Rule 4201 (as amended 12/25/92), Section 3 and 4703 (as amended 4/25/02), Sections 5.1.2, 5.2, 6.1, 6.2.1, 6.3.1, 6.3.3, 6.4.1, 6.4.2, 6.4.3, and 6.4.5 as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
53. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.7(b), 60.8, 60.8(d), 60.13, and 60.13(b); District Rules 1080 (as amended 12/17/92), Sections 6.3, 6.4, 6.5, 7.0, 7.1, 7.2, 7.3, 8.0, 9.0, 10.0, and 11.0; and 1081 (as amended 12/16/93) as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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-2592-2-1

EXPIRATION DATE: 02/29/2008

EQUIPMENT DESCRIPTION:

TRANSPORTABLE TIER-3 CERTIFIED DIESEL-FIRED IC ENGINE UP TO 532 HP POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Permittee shall provide written notification to the District within 48 hours of operating an IC engine under this permit (if unit is located onsite longer than 24 hours). Such notification shall include the date the engine was brought onsite, the manufacturer, model number, maximum rated horsepower, and emissions information that documents that the engine meets the emission limits and requirements specified in the permit. [District Rule 1070] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
6. The engine shall be equipped with an operational nonresettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
7. This nonroad transportable engine shall not be operated at one location for more than 12 consecutive months and shall meet all the requirements of a nonroad transportable engine, per CFR Title 40 Part 89. [CCR, Title 17 and District Rule 4701] Federally Enforceable Through Title V Permit
8. The engine shall not operate unless the gas turbine engine operating under permit S-2592-1 is shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
9. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
11. Operation of the engine shall not exceed 200 hours per year, as determined by an operational nonresettable elapsed operating time meter or other APCO approved alternative. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
12. Emissions from the IC engine shall not exceed any of the following limits: 2.80 g-NOx/bhp-hr, 2.61 g-CO/bhp-hr, or 0.20 g-VOC/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The PM10 emissions rate from the engine shall not exceed 0.15 g/hp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
16. The permittee shall maintain an engine-operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with Rule 4702. [District Rule 4702] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4702] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Detailed Facility List

SJVUAPCD
SOUTHERN

Detailed Facility Report
For Facility=2592
Sorted by Facility Name and Permit Number

8/9/11
4:27 pm

MID-SET COGENERATION COMPANY 13705 SHALE RD FELLOWS, CA	FAC # STATUS: TELEPHONE:	S 2592 A 6616154630	TYPE: TitleV TOXIC ID: 50155	EXPIRE ON: 02/29/2008 AREA: 6 / INSP. DATE: 10/11
---------------------------------------------------------------	--------------------------------	---------------------------	---------------------------------	---------------------------------------------------------

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-2592-1-7	39 MW	3020-08A G	1	10,215.00	10,215.00	A	39.86 MW GENERAL ELECTRIC, FRAME 6, MODEL PG6531(B) GAS-FIRED GAS TURBINE ENGINE COGENERATION SYSTEM.
S-2592-2-1	532 bhp IC engine	3020-10 D	1	479.00	479.00	A	TRANSPORTABLE TIER-3 CERTIFIED DIESEL-FIRED IC ENGINE UP TO 532 HP POWERING AN ELECTRICAL GENERATOR

Number of Facilities Reported: 1