

December 20, 2021

Mr. Michael Vogel  
City of Bakersfield  
4101 Truxtun Ave. Bldg D  
Bakersfield, CA 93309

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit**  
**Facility Number: S-6967**  
**Project Number: S-1202752**

Dear Mr. Vogel:

Enclosed for your review is the District's analysis of City of Bakersfield's application for the Federally Mandated Operating Permit for its operation at 6901 McCutchen Rd. in Bakersfield, California.

The notice of preliminary decision for this project has been posted on the District's website ([www.valleyair.org](http://www.valleyair.org)). After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,



Brian Clements  
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email  
cc: Laura Yannayon, EPA (w/enclosure) via EPS

**Samir Sheikh**  
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

## TITLE V APPLICATION REVIEW

Project #: S-1202752  
Deemed Complete: 7/23/20

Engineer: William Jones  
Date: 12/13/21

Facility Number: S-6967  
Facility Name: City of Bakersfield  
Mailing Address: 4101 Truxtun Ave – Building D  
Bakersfield, CA 93309

Contact Name: Michael Vogel  
Phone: 661-326-3795

Responsible Official: Michael Vogel  
Title: Fleet Superintendent

### I. PROPOSAL

City of Bakersfield (CB) is proposing that an initial Title V permit be issued for its existing Sewer Lift Stations in Bakersfield, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

Facilities S-3103 and S-6967 are part of the same stationary source. Facility S-3103 has received its title V permit.

### II. FACILITY LOCATION

The CB facility is located at 6901 McCutchen Road, in Bakersfield, CA.

### III. EQUIPMENT LISTING

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

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

**IV. GENERAL PERMIT TEMPLATE USAGE**

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

**V. SCOPE OF EPA AND PUBLIC REVIEW**

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

**VI. APPLICABLE FEDERALLY ENFORCEABLE REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES**

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

**VII. APPLICABLE REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES**

District Rule 1070, Inspections (December 17, 1992)

District Rule 2201, New and Modified Stationary Source Review Rule (Amended 8/15/19)

District Rule 2410, Prevention of Significant Deterioration (Amended 6/16/11)

District Rule 2520, Federally Mandated Operating Permits (Amended 8/15/19)

District Rule 4001, New Source Performance Standards (Amended 4/14/99)

District Rule 4002, National Emission Standards for Hazardous Air Pollutants (Amended 5/20/04)

District Rule 4101, Visible Emissions (Amended 2/17/05)

District Rule 4201, Particulate Matter Concentration (Amended 12/17/92)

District Rule 4701, Internal Combustion Engines - Phase 1 (Amended 8/21/03)

District Rule 4702, Internal Combustion Engines (Amended 11/14/13)

CH&SC 41700 Health Risk Assessment

CH&SC 42301.6 School Notice

40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (amended June 29, 2021)

40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (amended August 30, 2016)

**VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE**

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and

conditions that are part of the facility's Title V permit are designated as Federally Enforceable through Title V Permit.

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

**District Rule 4102, Nuisance (amended December 17, 1992)**

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

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *{98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The condition listed below, will insure compliance with the requirements of this rule:

- *{98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Y*

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

The Air Toxic Control Measure (ATCM) is a rule under the California Code of Regulations (CCR) which is the official compilation and publication of the regulations adopted, amended or repealed by state agencies. The purpose of this rule is to reduce diesel particulate matter (PM) and criteria pollutant emissions from stationary diesel-fueled compression ignition engines.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *{4258} Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Y*
- *Emissions from this IC engine shall not exceed any of the following limits: 4.4 g-NO<sub>x</sub>/bhp-hr, 0.45 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *Emissions from this IC engine shall not exceed 0.075 g-PM<sub>10</sub>/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115] Y*
- *{3808} 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 and 17 CCR 93115 and 40 CFR 60 Subpart III] Y*
- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*
- *{3807} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated*

*testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Y*

- *{4263} The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Y*
- *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, 17 CCR 93115 and 40 CFR 60 Subpart IIII] Y*

The requirements of this rule do not dot apply to Spark ignited engines.

## IX. COMPLIANCE

### A. Requirements Addressed by Model General Permit Templates

#### 1. District Rule 1070, Inspections (December 17, 1992)

The purpose of this rule is to explain the District's authority in determining compliance with the requirements of these rules and regulations.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 2520] N*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The condition listed below, and will assure compliance with the requirements of this rule.

- *The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 2520] Y*

**2. District Rule 2201, New and Modified Stationary Source Review Rule (Amended 8/15/19)**

The purpose of this rule is the review of new and modified Stationary Sources of air pollution and to provide mechanisms including emission trade-offs by which Authorities to Construct such sources may be granted, without interfering with the attainment or maintenance of Ambient Air Quality Standards; and no net increase in emissions above specified thresholds from new and modified Stationary Sources of all nonattainment pollutants and their precursors.

**S-6967-0-1: Facility-Wide Permit**

The condition listed below, will insure compliance with the requirements of this rule:

- *Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201] Y*

**S-6967-1-1: 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)**

The conditions listed below, will insure compliance with the requirements of this rule:

- *{1897} This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Y*

- *{4258} Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Y*
- *Emissions from this IC engine shall not exceed any of the following limits: 4.4 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *Emissions from this IC engine shall not exceed 0.075 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, 17 CCR 93115 and 40CFR60 Subpart III] Y*
- *Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201] Y*

**S-6967-2-1: 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR**

The conditions listed below, will insure compliance with the requirements of this rule:

- *{3491} This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201 and 4801] Y*
- *Emissions from this IC engine shall not exceed any of the following limits: 0.07 g-NOx/bhp-hr, 0.063 g-PM10/bhp-hr, 0.06 g-CO/bhp-hr, or 0.294 g-VOC/bhp-hr. [District Rule 2201 and 40 CFR 60 Subpart JJJJ] Y*
- *Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201] Y*
- *Formerly #S-3103-29-0. [District Rule 2201] Y*

**3. District Rule 2410, Prevention of Significant Deterioration (Amended 6/16/11)**

The prevention of significant deterioration (PSD) program is a construction permitting program for new major stationary sources and major modifications to existing major stationary sources located in areas classified as attainment or in areas that are unclassifiable for any criteria air pollutant. The intent of this



Rule is to incorporate the federal PSD rule requirements into the District's Rules and Regulations by incorporating the federal requirements by reference.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115 and 40 CFR 63 Subpart III] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The condition listed below, will insure compliance with the requirements of this rule:

- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 63 Subpart JJJ] Y*

**4. District Rule 2520, Federally Mandated Operating Permits (Amended 8/15/19)**

The purpose of this rule is to provide for the following:

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

**S-6967-0-1 - Facility-Wide Permit:**

The conditions listed below, will insure compliance with the requirements of this rule:

- *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] Y*
- *The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520] Y*
- *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] Y*

- *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] Y*
- *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] Y*
- *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] Y*
- *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] Y*
- *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] Y*

**5. District Rule 4101, Visible Emissions (Amended 2/17/05)**

The purpose of this rule is to prohibit the emissions of visible air contaminants to the atmosphere.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *{15} 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] Y*

**S-6967-2-1: 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR**

The condition listed below, will insure compliance with the requirements of this rule:

- *{15} 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] Y*

**6. District Rule 4102, Nuisance (Amended 12/17/92)**

The purpose of this rule is to protect the health and safety of the public.

**S-6967-1-1: 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)**

The conditions listed below, will insure compliance with the requirements of this rule:

- *{1898} 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] Y*
- *Emissions from this IC engine shall not exceed 0.075 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115] Y*
- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 63 Subpart III] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The conditions listed below, will insure compliance with the requirements of this rule:

- *{98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Y*
- *{1898} 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] Y*
- *This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4102, 4702 and 40 CFR 63 Subpart JJJJ] Y*

**7. District Rule 4201, Particulate Matter Concentration (Amended 12/17/92)**

The purpose of this rule is to protect the ambient air quality by establishing a particulate matter emission standard.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *{14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The conditions listed below, will insure compliance with the requirements of this rule:

- *{14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Y*

**8. District Rule 4701, Internal Combustion Engines - Phase 1 (Amended 8/21/03)**

The purpose of this rule is to limit the emissions of nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines. Since the requirements of this rule are less stringent than the requirements of District Rule 4702, Compliance with the requirements of District Rule 4701 is insured by compliance with District Rule 4702.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *{3808} 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 and 17 CCR 93115] Y*
- *This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702, and 40 CFR 60 Subpart III] Y*
- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar*

*year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

- *{3807} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *{3478} During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*
- *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, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *{3808} 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 and 17 CCR 93115] Y*
- *This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4102, 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *{3405} This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Y*
- *{3807} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 17 CCR 93115] Y*
- *{3478} During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power*



*outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702 and 17 CCR 93115] Y*

- *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 and 40 CFR 60 Subpart JJJJ] Y*

**9. District Rule 4702, Internal Combustion Engines (Amended 11/14/13)**

The purpose of this rule is to limit the emissions of nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compounds (VOC), particulate matter (PM), and sulfur oxides (SO<sub>x</sub>) from internal combustion engines.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Y*
- *{3808} 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 and 17 CCR 93115] Y*
- *{4261} This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Y*
- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar*

*year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

- *{3807} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 17 CCR 93115] Y*
- *{3478} During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Y*
- *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, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

**S-6967-2-1: 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068  
RICH BURN NATURAL GAS-FIRED EMERGENCY  
STANDBY IC ENGINE POWERING A BACK-UP  
GENERATOR**

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *{3808} 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] Y*
- *This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4102, 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *{3405} This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Y*
- *{3807} An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Y*
- *{3478} During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and*

*maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702] Y*

- *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 and 40 CFR 60 Subpart JJJJ] Y*

#### **10. District Rule 4801, Sulfur Compounds (Amended 12/17/92)**

The purpose of this rule is to limit the emissions of sulfur compounds. A maximum concentration and test method are specified.

**S-6967-1-1:** 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

The condition listed below, will insure compliance with the requirements of this rule:

- *Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115 and 40 CFR 60 Subpart IIII] Y*

**S-6967-2-1:** 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

The condition listed below, will insure compliance with the requirements of this rule:

- *This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201 and 4801] Y*

**11. Title 17 CCR, Section 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression-Ignition (CI) Engines**

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

**S-6967-1-1: 775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)**

The conditions listed below, will insure compliance with the requirements of this rule:

- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *{4258} Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Y*
- *Emissions from this IC engine shall not exceed any of the following limits: 4.4 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115] Y*
- *Emissions from this IC engine shall not exceed 0.075 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115] Y*
- *{3808} 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 and 17 CCR 93115] Y*
- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar*

*year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

- *An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 17 CCR 93115 and 40 CFR 60 Subpart III] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*
- *{4263} The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Y*
- *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, 17 CCR 93115 and 40 CFR 60 Subpart III] Y*

**S-6967-2-1: 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068  
RICH BURN NATURAL GAS-FIRED EMERGENCY  
STANDBY IC ENGINE POWERING A BACK-UP  
GENERATOR**

The requirements of this rule do not dot apply to Spark ignited engines.

**12. 40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (amended August 30, 2016)**

The provisions of this subpart are applicable to owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE) that commenced construction after June 12, 2006. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator. Per project S-1190517, this unit was originally installed in

2017 as part of the S-3103 and S-6967 shared stationary source. Therefore, the engine under permit S-6967-2 is subject to this subpart.

This subpart does not include any applicable standards or other requirements for the Compression ignited engine listed on S-6967-1 these engines. Therefore, 40 CFR 60 Subpart JJJJ does not apply to them.

**60.4233 Emission Standards for Owners and Operators:**

Per section § 60.4233(e) of this subpart, owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards in Table 1 to this subpart for their stationary SI ICE. Per table 1, Emergency SI Engines with a maximum HP greater than or equal to 130 HP, are restricted to emissions levels of 2.0 g NOx/HP-hr., 4.0 g CO/HP-hr., and 1.0 g VOC/HP-hr.

**S-6967-2-1: 194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068  
RICH BURN NATURAL GAS-FIRED EMERGENCY  
STANDBY IC ENGINE POWERING A BACK-UP  
GENERATOR**

The condition listed below, will insure compliance with the requirements of this section:

- *Emissions from this IC engine shall not exceed any of the following limits: 0.07 g-NOx/bhp-hr, 0.063 g-PM10/bhp-hr, 0.06 g-CO/bhp-hr, or 0.294 g-VOC/bhp-hr. [District Rule 2201, and 40 CFR 60 Subpart JJJJ ] Y*

**60.4243 Compliance Requirements for Owners and Operators:**

Per 60.4243(b), operators of a stationary SI internal combustion engine and must comply with the emission standards specified in 60.4233(d) or 60.4233(d)(e), you must demonstrate compliance according to one of the methods specified in 60.4243 (b)(1).

Per 60.4243 (b)(1) purchasing an engine certified according to procedures specified in this subpart, for the same model year and demonstrating compliance according to one of the methods specified in 60.4243(a)(1).

Per 60.4243(a)(1), if you operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, you must keep records of conducted

maintenance to demonstrate compliance, but no performance testing is required if you are an owner or operator. You must also meet the requirements as specified in 40 CFR part 1068, subparts A through D). Therefore, the following condition will be listing on permit S6967-2, to insure compliance with this subpart:

- *This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Y*
- *The permittee shall maintain an engine operating log to demonstrate compliance. The permittee shall maintain records of: (1) total hours of operation; (2) type and quantity of fuel used; (3) maintenance or modifications performed; (4) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements; (5) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 15% O<sub>2</sub>; (6) make and model of exhaust gas analyzer; (7) exhaust gas analyzer calibration records; and (8) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4701 and 4702, and 40 CFR 60 Subpart JJJJ] Y*

Per 60.4243 (d) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in 60.4243(d)(1) through 60.4243(d)(3).

Per 60.4243(d)(1), there is no time limit on the use of emergency stationary ICE in emergency situations. The unit is not currently limited when operating in an emergency situation, therefore compliance with this subpart is expected.

Per 60.4243(d)(2), you may operate your emergency stationary ICE for any combination of the purposes specified in 60.4243(d)(i) through (iii) listed below, for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 60.4243(d)(3) of this section counts as part of the 100 hours per calendar year allowed by 60.4243(d)(2).



- (i) *Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.*
- (ii) *Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.*
- (iii) *Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.*

However, the local District Rules requirements restrict the operation on emergency equipment to test, maintenance, and emergency use. Therefor the following conditions will be listed on permit S6967-2, to ensure compliance with the requirements of this subsection.

- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart JJJJ] Y*
- *An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 40 CFR Part 60 Subpart JJJJ] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of*

*emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 40 CFR Part 60 Subpart JJJJ] Y*

Per 60.4243(d)(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in 60.4243(d)(2). Except as provided in 60.4243(d)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. However, local District Rules requirements restrict the operation on emergency equipment to test, maintenance, and emergency use. Therefore the following conditions will be listed on permit S6967-2, to ensure compliance with the requirements of this subsection:

- *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, 17 CCR 93115 and 40 CFR Part 60 Subpart JJJJ] N*

Per 60.4243 (e) Owners and operators of stationary SI natural gas fired engines may operate their engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the owners and operators are required to conduct a performance test to demonstrate compliance with the emission standards of 60.4233. The engine associated with S-6967-2 is restricted to the use of Public Utility Commission (PUC) regulated natural gas, therefore the following condition will be listed on the permit:

- *This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201, 4801 and 40 CFR Part 60 Subpart JJJJ] N*

**Testing Requirements for Owners and Operators:**

Per 60.4243(a)(1) the unit listed in permit S6967-2 is not required to perform performance tests. Therefore, the requirements of this subsection are not applicable, at this time.

**Notification, Reports, and Records for Owners and Operators:**

Per 60.4245(a), owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping requirements.

- (1) All notifications submitted to comply with this subpart and all documentation supporting any notification.*
- (2) Maintenance conducted on the engine.*
- (3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 1048, 1054, and 1060, as applicable.*
- (4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to 60.4243(a)(2), documentation that the engine meets the emission standards.*

The following condition will be placed on the permit to ensure compliance with the requirements of this subpart:

- *14. The engine shall be in full compliance with 40 CFR Part 60, Subpart JJJJ (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines). [District Rule 40 CFR 60 Subpart JJJJ] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 40 CFR Part 60 Subpart JJJJ] Y*

### **13. 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

Per Section 60.4200(a)2(i) the requirements of this subpart apply to Owners and operators of stationary Compression Ignition Internal Combustion Engines (CI ICE) that commence construction after July 11, 2005, where the stationary CI ICE are Manufactured after April 1, 2006, and are not fire pump engines. Since the CI ICE associated with permit S-6967-1 meets this discretion, the requirements of this subpart will apply.

#### **Emission Standards for Owners and Operators:**

Per 60.4205(b) Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in 60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

Per 60.4202(a) Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in 60.4202(a)(2). Per 60.4202(a)(2) engines with a rated power greater than or equal to 37 KW (50 HP), engine manufacturers must certify the Tier 2 or Tier 3 emission standards for new nonroad CI engines for the same rated power as described in 40 CFR part 1039, appendix I, for all pollutants and the smoke standards as specified in 40 CFR 1039.105 beginning in model year 2007. The emergency IC associated with permit S-6967-1 is an EPA certified tier 2 unit, therefore compliancy with this subsection is expected. The following condition will be included on the permit to ensure compliance with this subpart:

- *Emissions from this IC engine shall not exceed any of the following limits: 4.4 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]*  
N

Furthermore per section Per 60.4205(e) Owners and operators of emergency stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests in-use must meet the NTE standards as indicated in 60.4212. The following condition will be listed on the permit, to ensure compliance:

- *The engine shall be in full compliance with 40 CFR Part 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60 Subpart IIII] Y*

Fuel Requirements for Owners and Operators:

Per subpart 60.4207(b), owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted. The unit is currently limited to the use of CARB certified diesel fuel. Therefore the following condition will be listed on the permit to insure compliance with this subpart:

- *Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115 and 40 CFR Part 60 Subpart IIII] N*

Compliance Requirements:

Per subpart 60.4211(a) if you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under 60.4211(g) of this section:

- (1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR part 1068, as they apply.

The following condition will be included on the permit to ensure compliance with the requirements of this subpart:

- *This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR Part 60 Subpart IIII] Y*

Per subpart 60.4211(f) if you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in 60.4211 (f)(1) through 60.4211(3). In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response,

and operation in non-emergency situations for 50 hours per year, as described in 60.4211 (f)(1) through 60.4211(3), is prohibited. However, local District Rules requirements restrict the operation on emergency equipment to test, maintenance, and emergency use only. Therefor the following conditions will be listed on permit S6967-2, to ensure compliance with the requirements of this subsection:

- *This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart III] Y*
- *An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 40 CFR Part 60 Subpart III] Y*
- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 40 CFR Part 60 Subpart III] Y*
- *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, 17 CCR 93115 and 40 CFR Part 60 Subpart III] Y*

**Testing Requirements for Owners and Operators:**

Per 60.4212 Owners and operators of stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests pursuant to this subpart must do so according to 60.4212(a) through 60.4212 (e). The following condition will be included on the permit to ensure compliance with this subpart:

- *The engine shall be in full compliance with 40 CFR Part 60, Subpart III (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60 Subpart III] Y*

**Notification, Reports, and Records for Owners and Operators:**

Per 60.4214(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart. if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. The engine listed on S6967-1 was installed prior to the starting dates listed in table 5 in 40 CFR Part 60, Subpart III. However the following condition will be listed on the permit, and will insure compliance with the requirements of this subpart:

- *The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 40 CFR Part 60 Subpart III] Y*
- *This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Y*

ATTACHMENT A  
DETAILED FACILITY PRINTOUT



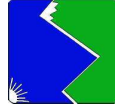
**Detailed Facility Report**  
For Facility=6967  
Sorted by Facility Name and Permit Number

<b>CITY OF BAKERSFIELD</b>	FAC #	<b>S 6967</b>	TYPE:	<b>TitleV</b>	EXPIRE ON:	10/31/2022
<b>MCCUTCHEN RD</b>	STATUS:	<b>A</b>	TOXIC ID:	<b>60902</b>	AREA:	320 / 320
<b>NW/ SEC 33, T30S, R27E</b>	TELEPHONE:				INSP. DATE:	06/22
<b>BAKERSFIELD, CA</b>						

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-6967-1-0	775 BHP IC ENGINE	3020-10 D	1	577.00	577.00	A	775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (UNIT #4927)
S-6967-2-0	194 bhp engine	3020-10 B	1	143.00	143.00	A	194 BHP (INTERMITTENT) CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE POWERING A BACK-UP GENERATOR

Number of Facilities Reported: 1

ATTACHMENT B  
EXEMPT EQUIPMENT



**San Joaquin Valley  
Unified Air Pollution Control District**



**Title V Application - ACTUAL EMISSIONS REPORT**

Refer to the attached instructions for more information.

COMPANY NAME:		FACILITY ID: -																																																																																																		
<p><b>LIST OF EQUIPMENT AND CALCULATED ANNUAL EMISSIONS</b> - In numerical order, list all permitted equipment and describe the emissions (See Instructions). <b>If more space is required, use additional forms.</b> Attach sample calculations.</p> <p>In certain cases (See Instructions), previously approved emissions statements or inventory reports may be attached and submitted in lieu of this form. If this option is chosen, do not list permitted equipment described in those emissions inventory statements or reports on this form.</p>																																																																																																				
<b>Column 1</b> Permit Number	<b>Column 2</b> Specific Source of Emissions (if applicable)	<b>Column 3</b> Actual Annual Pollutant Emissions in tons per year (one pollutant per column)  List the pollutant(s) for which the facility is a major source:																																																																																																		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NOx</th> <th style="width: 10%;">VOC</th> <th style="width: 10%;">PM<sub>10</sub></th> <th style="width: 10%;">SOx</th> <th style="width: 10%;">CO</th> <th style="width: 10%;">Other:</th> <th style="width: 10%;">Other:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	NOx	VOC	PM <sub>10</sub>	SOx	CO	Other:	Other:	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0																																																																															
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Emissions for year ending: 2019\*

\*The emissions summary for 2019, which also contains the emission factors, is attached.

# Facility Emissions Summary

Inventory Year: 2019    County: 15    Facility ID: 6967  
 Facility Name: CITY OF BAKERSFIELD

**Device: 1    Device Name: 775 bhp Emergency IC Engine - Diesel**

**Process: 1    Process Description: 775 bhp IC Engine - Testing - Diesel**

**Process Rate: 0.00E+00    Units: THOUSANDS OF GALLONS**

CAS	Pollutant	Emission Factor	Yearly Emissions	Hourly Emissions	Memo	1/2 App Deg
42101	Carbon Monoxide	1.87E+01	0.00E+00	0.00E+00	District Permit (0.45 g/bhp-hr)	
42603	Oxides of Nitrogen	1.83E+02	0.00E+00	0.00E+00	District Permit (4.4 g/bhp-hr)	
42401	Oxides of sulfur	2.12E-01	0.00E+00	0.00E+00	District Permit (0.0015% S)	
85101	Particulate Matter (10 Micro	3.12E+00	0.00E+00	0.00E+00	District Permit (0.075 g/bhp-hr)	
16113	Reactive Organic Gas	1.25E+01	0.00E+00	0.00E+00	District Permit (0.3 g/bhp-hr)	

**Process: 2    Process Description: 775 bhp IC Engine - Emergency Use - Diesel**

**Process Rate: 0.00E+00    Units: THOUSANDS OF GALLONS**

CAS	Pollutant	Emission Factor	Yearly Emissions	Hourly Emissions	Memo	1/2 App Deg
42101	Carbon Monoxide	1.87E+01	0.00E+00	0.00E+00	District Permit (0.45 g/bhp-hr)	
42603	Oxides of Nitrogen	1.83E+02	0.00E+00	0.00E+00	District Permit (4.4 g/bhp-hr)	
42401	Oxides of sulfur	2.12E-01	0.00E+00	0.00E+00	District Permit (0.0015% S)	
85101	Particulate Matter (10 Micro	3.12E+00	0.00E+00	0.00E+00	District Permit (0.075 g/bhp-hr)	
16113	Reactive Organic Gas	1.25E+01	0.00E+00	0.00E+00	District Permit (0.3 g/bhp-hr)	

Note: Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.  
 Last Updated By: LAUDIGB  
**Thursday, April 30, 2020**

**Device: 2      Device Name: 194 bhp Emergency IC Engine - NG**

**Process: 1      Process Description: 194 bhp Emergency IC Engine - Testing - NG**

**Process Rate: 0.00E+00      Units: MILLION CUBIC FEET BURNED**

CAS	Pollutant	Emission Factor	Yearly Emissions	Hourly Emissions	Memo	1/2 App Deg
42101	Carbon Monoxide	1.91E+01	0.00E+00	0.00E+00	District PTO (0.06 g-CO/bhp-hr)	
42603	Oxides of Nitrogen	2.23E+01	0.00E+00	0.00E+00	District PTO (0.07 g-NOx/bhp-hr)	
42401	Oxides of sulfur	2.85E+00	0.00E+00	0.00E+00	District PTO (0.00285 lb/MMBtu)	
85101	Particulate Matter (10 Micro	2.01E+01	0.00E+00	0.00E+00	District PTO (0.063 g-PM10/bhp-hr)	
16113	Reactive Organic Gas	9.37E+01	0.00E+00	0.00E+00	District PTO (0.294 g-VOC/bhp-hr)	

**Process: 2      Process Description: 194 bhp Emergency IC Engine - Emergency Use - NG**

**Process Rate: 0.00E+00      Units: MILLION CUBIC FEET BURNED**

CAS	Pollutant	Emission Factor	Yearly Emissions	Hourly Emissions	Memo	1/2 App Deg
42101	Carbon Monoxide	1.91E+01	0.00E+00	0.00E+00	District PTO (0.06 g-CO/bhp-hr)	
42603	Oxides of Nitrogen	2.23E+01	0.00E+00	0.00E+00	District PTO (0.07 g-NOx/bhp-hr)	
42401	Oxides of sulfur	2.85E+00	0.00E+00	0.00E+00	District PTO (0.00285 lb/MMBtu)	
85101	Particulate Matter (10 Micro	2.01E+01	0.00E+00	0.00E+00	District PTO (0.063 g-PM10/bhp-hr)	
16113	Reactive Organic Gas	9.37E+01	0.00E+00	0.00E+00	District PTO (0.294 g-VOC/bhp-hr)	

Note: Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.

Last Updated By: LAUDIGB

Thursday, April 30, 2020

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

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

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

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



# San Joaquin Valley Unified Air Pollution Control District



## Title V Application - COMPLIANCE PLAN

In numerical order list all permitted equipment that are subject to one or more applicable requirements. List all requirements for a permit, each in a separate box, before moving on to the next permit number. Refer to the attached instructions for more information.

<b>COLUMN 1</b>	<b>COLUMN 2</b>	<b>COLUMN 3</b>	<b>COLUMN 4</b>	<b>COLUMN 5</b>
<b>Permit Number</b>	<b>Cite Applicable Requirement(s)</b> Specify the applicable Rule, Regulation, & Section number.  See Instructions	<b>Compliance Status:</b> YES NO EXEMPT SUBSUMED	<b>How Will You Comply With The Applicable Requirement?</b> Describe operational requirements and limitations, and/or monitoring, recordkeeping, & reporting protocol to assure compliance with the applicable requirements. See instructions for further details. If SUBSUMED, leave this column blank.	<b>Future Effective Date</b> (List future effective dates of the applicable requirement, if any.)
S-6967-1-0	Rule 2201	YES	Unit uses BACT, is operated as required, and emissions are tested using approved methods.	
	Rule 4101	YES	Unit uses BACT and emissions are tested using approved methods.	
	Rule 4102	YES	Unit uses BACT.	
	Rule 4201	YES	Unit uses BACT and emissions are tested using approved methods.	
	Rule 4702	YES	Unit is monitored in accordance with established with requirements. Records are kept as required.	
	Rule 4801	YES	Unit uses BACT and emissions are tested using approved methods.	
	17 CCR 93115	YES	Units uses BACT, is operated as required, and emissions are tested using approved methods. Records are kept as required.	

## Title V Application – COMPLAINT PLAN

<b>COLUMN 1</b>	<b>COLUMN 2</b>	<b>COLUMN 3</b>	<b>COLUMN 4</b>	<b>COLUMN 5</b>
<b>Permit Number</b>	<b>Cite Applicable Requirement(s)</b> Specify the applicable Rule, Regulation, & Section number.  See Instructions	<b>Compliance Status:</b> <b>YES</b> <b>NO</b> <b>EXEMPT</b> <b>SUBSUMED</b>	<b>How Will You Comply With The Applicable Requirement?</b> Describe operational requirements and limitations, and/or monitoring, recordkeeping, & reporting protocol to assure compliance with the applicable requirements. See instructions for further details. If SUBSUMED, leave this column blank.	<b>Future Effective Date</b> (List future effective dates of the applicable requirement, if any.)
S-6967-2-0	Rule 2201	YES	Unit uses BACT, is operated as required, and emissions are tested using approved methods.	
	Rule 2520	YES	Application submitted on 7/1/20 as required.	
	Rule 4101	YES	Unit uses BACT and emissions are tested using approved methods.	
	Rule 4102	YES	Unit uses BACT.	
	Rule 4201	YES	Unit uses BACT and emissions are tested using approved methods.	
	Rule 4702	YES	Unit is monitored in accordance with established with requirements. Records are kept as required.	
	Rule 4801	YES	Unit uses BACT and emissions are tested using approved methods.	



ATTACHMENT C

SJVUAPCD PERMITS

***San Joaquin Valley  
Air Pollution Control District***

FACILITY: S-6967-0-1

EXPIRATION DATE: 10/31/2022

**FACILITY-WIDE REQUIREMENTS**

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1. 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] Federally Enforceable Through Title V Permit
2. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520] Federally Enforceable Through Title V Permit
3. 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 1070, and 2520] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. 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] Federally Enforceable Through Title V Permit
8. 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] Federally Enforceable Through Title V Permit
9. Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201]

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

Facility Name: CITY OF BAKERSFIELD

Location: MCCUTCHEN RD,NW/ SEC 33, T30S, R27E,BAKERSFIELD, CA

S-6967-0-1 : Dec 14 2021 11:17AM - JONESV

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-6967-2-1

**EXPIRATION DATE:** 10/31/2022

**SECTION:** NW33 **TOWNSHIP:** 30S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

194 BHP CUMMINS MODEL WSG-1068 RICH BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE  
POWERING A BACK-UP GENERATOR

## PERMIT UNIT REQUIREMENTS

1. 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
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
5. 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
6. 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 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4102, 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
10. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Emissions from this IC engine shall not exceed any of the following limits: 0.07 g-NOx/bhp-hr, 0.063 g-PM10/bhp-hr, 0.06 g-CO/bhp-hr, or 0.294 g-VOC/bhp-hr. [District Rule 2201 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
12. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
13. The permittee must collect and submit an annual report including location, dates and times of operation if the engine operates for more than 15 hours and up to 100 hours per year for emergency demand response. [District Rule 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
14. The engine shall be in full compliance with 40 CFR Part 60, Subpart JJJJ (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines). [District Rule 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
15. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070, 2520 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702 and 40 CFR 60 Subpart JJJJ] 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 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
18. Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Formerly #S-3103-29-0. [District Rule 2201] 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-6967-1-1

**EXPIRATION DATE:** 10/31/2022

**SECTION:** NW33 **TOWNSHIP:** 30S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

775 BHP CUMMINS MODEL QSX15-G9 TIER 2 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE  
POWERING AN ELECTRICAL GENERATOR (UNIT #4927)

## PERMIT UNIT REQUIREMENTS

1. {15} 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]
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart III] Federally Enforceable Through Title V Permit
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, 17 CCR 93115, and 40CFR60 Subpart III] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed any of the following limits: 4.4 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.3 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115 and 40CFR60 Subpart III] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed 0.075 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, 17 CCR 93115 and 40CFR60 Subpart III] Federally Enforceable Through Title V Permit
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart III] Federally Enforceable Through Title V Permit
11. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702, and 40CFR60 Subpart III] 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. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4102, 4702, 17 CCR 93115 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
13. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
14. The engine shall be in full compliance with 40 CFR Part 60, Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines). [40 CFR 63 Subpart IIII] Federally Enforceable Through Title V Permit
15. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702, and 40 CFR 60 Subpart IIII]] Federally Enforceable Through Title V Permit
16. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 40 CFR 63 Subpart IIII] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 2410, 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
18. {4263} The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
19. 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, 17 CCR 93115 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
20. Facilities S-3103 and S-6967 are part of the same stationary source. [District Rule 2201] Federally Enforceable Through Title V Permit

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