MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION

March 12, 2020

PERMIT TO INSTALL
146-17A

ISSUED TO
Sebwaing Light and Water

LOCATED AT
350 Pine Street
Sebewaing, Michigan 48759

IN THE COUNTY OF
Huron

STATE REGISTRATION NUMBER
N2726

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: **February 28, 2020**	
DATE PERMIT TO INSTALL APPROVED: **March 12, 2020**	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

PERMIT TO INSTALL

TABLE OF CONTENTS

Section **Page**

TABLE OF CONTENTS 1
COMMON ACRONYMS 2
POLLUTANT / MEASUREMENT ABBREVIATIONS 3
GENERAL CONDITIONS 4
SPECIAL CONDITIONS 6
EMISSION UNIT SUMMARY TABLE 6
FLEXIBLE GROUP SUMMARY TABLE 6
FG-GEN7&8 7

COMMON ACRONYMS

AQD	Air Quality Division
BACT	Best Available Control Technology
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
COMS	Continuous Opacity Monitoring System
Department/department/EGLE	Michigan Department of Environment, Great Lakes, and Energy
EU	Emission Unit
FG	Flexible Group
GACS	Gallons of Applied Coating Solids
GC	General Condition
GHGs	Greenhouse Gases
HVLP	High Volume Low Pressure*
ID	Identification
IRSL	Initial Risk Screening Level
ITSL	Initial Threshold Screening Level
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MAERS	Michigan Air Emissions Reporting System
MAP	Malfunction Abatement Plan
MSDS	Material Safety Data Sheet
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
PS	Performance Specification
PSD	Prevention of Significant Deterioration
PTE	Permanent Total Enclosure
PTI	Permit to Install
RACT	Reasonable Available Control Technology
ROP	Renewable Operating Permit
SC	Special Condition
SCR	Selective Catalytic Reduction
SNCR	Selective Non-Catalytic Reduction
SRN	State Registration Number
TBD	To Be Determined
TEQ	Toxicity Equivalence Quotient
USEPA/EPA	United States Environmental Protection Agency
VE	Visible Emissions

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig

POLLUTANT / MEASUREMENT ABBREVIATIONS

acfm	Actual cubic feet per minute
BTU	British Thermal Unit
°C	Degrees Celsius
CO	Carbon Monoxide
CO_2e	Carbon Dioxide Equivalent
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
°F	Degrees Fahrenheit
gr	Grains
HAP	Hazardous Air Pollutant
Hg	Mercury
hr	Hour
HP	Horsepower
H_2S	Hydrogen Sulfide
kW	Kilowatt
lb	Pound
m	Meter
mg	Milligram
mm	Millimeter
MM	Million
MW	Megawatts
NMOC	Non-Methane Organic Compounds
NO_x	Oxides of Nitrogen
ng	Nanogram
PM	Particulate Matter
PM10	Particulate Matter equal to or less than 10 microns in diameter
PM2.5	Particulate Matter equal to or less than 2.5 microns in diameter
pph	Pounds per hour
ppm	Parts per million
ppmv	Parts per million by volume
ppmw	Parts per million by weight
psia	Pounds per square inch absolute
psig	Pounds per square inch gauge
scf	Standard cubic feet
sec	Seconds
SO_2	Sulfur Dioxide
TAC	Toxic Air Contaminant
Temp	Temperature
THC	Total Hydrocarbons
tpy	Tons per year
µg	Microgram
µm	Micrometer or Micron
VOC	Volatile Organic Compounds
yr	Year

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**

2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**

3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to Rule 210 (R 336.1210), operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**

4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**

5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to Rule 219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of Rule 219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy. **(R 336.1219)**

6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**

7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**

8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.

9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.

10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of Rule 301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with Rule 303 (R 336.1303). **(R 336.1301)**
    a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
    b) A visible emission limit specified by an applicable federal new source performance standard.
    c) A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EUGEN7	Natural gas-fired lean-burn four-cycle spark-ignited engine with maximum engine rating of 6,023 HP with 4.4 MW generation capacity. Subject to NSPS Subpart JJJJ. Exhaust is used in a heat recovery system.	Feb 3, 2020	FG-GEN7&8
EUGEN8	Natural gas-fired lean-burn four-cycle spark-ignited engine with maximum engine rating of 4,601 HP with 3.4 MW generation capacity. Subject to NSPS Subpart JJJJ. Exhaust is used in a heat recovery system.	Date of permit Issuance	FG-GEN7&8
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.			

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FG-GEN7&8	Two natural gas-fired lean-burn four-cycle spark-ignited engines, one with maximum engine rating of 6023 HP with 4.4 MW generation capacity and one with maximum engine rating of 4,601 HP with 3.4 MW generation capacity. Subject to NSPS Subpart JJJJ. Both units have a heat recovery system equipped.	EUGEN7, EUGEN8

The following conditions apply to: FG-GEN7&8

DESCRIPTION

Two natural gas-fired lean-burn four-cycle spark-ignited engines, one with maximum engine rating of 6023 HP with 4.4 MW generation capacity and one with maximum engine rating of 4,601 HP with 3.4 MW generation capacity. Subject to NSPS Subpart JJJJ.

Both units have a heat recovery system equipped.

Emission Units: EUGEN7, EUGEN8

POLLUTION CONTROL EQUIPMENT: Both units have oxidation catalysts to control CO and VOC emissions.

I. EMISSION LIMITS

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. NO_x	0.5 g/HP-hr	Hourly	Each engine: EUGEN7 and EUGEN8	SC V.1, SC V.2, SC VI.2, SC VI.5	R 336.1205(1)(a) & (3), 40 CFR 52.21(c) & (d)
2. NO_x	1.0 g/HP-hr OR 82 ppmvd	Hourly	Each engine: EUGEN7 and EUGEN8	SC V.1, SC VI.2	40 CFR 60.4233(e), Table 1 of 40 CFR Part 60 Subpart JJJJ
3. CO	0.9 g/HP-hr	Hourly	Each engine: EUGEN7 and EUGEN8	SC V.1, SC V.2, SC VI.2, SC VI.5	R 336.1205(1)(a) & (3), 40 CFR 52.21(d)
4. CO	2.0 g/HP-hr OR 270 ppmvd	Hourly	Each engine: EUGEN7 and EUGEN8	SC V.1, SC VI.2	40 CFR 60.4233(e), Table 1 of 40 CFR Part 60 Subpart JJJJ
5. CO	86.2 tpy	12-month rolling time period as determined at the end of each calendar month.	FG-GEN7&8: Both engines combined	SC V.2, SC VI.5, SC VI.6, SC VI.7	R 336.1205(1)(a) & (3)
6. VOC[A]	0.7 g/HP-hr OR 60 ppmvd	Hourly	Each engine: EUGEN7 and EUGEN8	SC V.1, SC VI.2	40 CFR 60.4233(e), Table 1 of 40 CFR Part 60 Subpart JJJJ
7. Formaldehyde	7.8 tpy[B]	12-month rolling time period as determined at the end of each calendar month.	FG-GEN7&8: Both engines combined	SC V.3, SC VI.5, SC VI.6, SC VI.7	R 336.1205(1)(a) & (3), R 336.1225

ppmvd = parts per million by volume at 15 percent oxygen and on a dry gas basis
[A] Per footnote "d" of Table 1 of 40 CFR Part 60 Subpart JJJJ, when calculating emissions of VOCs, emissions of formaldehyde should not be included.
[B] Based upon 83% control efficiency from the oxidation catalyst, which equates to 1.69E-4 lb/bhp-hr.

II. MATERIAL LIMITS

1. The permittee shall burn only pipeline quality natural gas in each unit of FG-GEN7&8. **(R 336.1205(1)(a) & (3), R 336.1224, R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d), 40 CFR 60.4233)**

III. PROCESS/OPERATIONAL RESTRICTIONS

1. The permittee shall not operate FG-GEN7&8 unless a malfunction abatement plan (MAP) as described in Rule 911(2), for the oxidation catalysts, has been submitted within 90 days of permit issuance, and is implemented and maintained. The MAP shall, at a minimum, specify the following:
   a) A complete preventative maintenance program including identification of the supervisory personnel responsible for overseeing the inspection, maintenance, and repair of air-cleaning devices, a description of the items or conditions that shall be inspected, the frequency of the inspections or repairs, and an identification of the major replacement parts that shall be maintained in inventory for quick replacement.
   b) An identification of the source and air-cleaning device operating variables that shall be monitored to detect a malfunction or failure, the normal operating range of these variables, and a description of the method of monitoring or surveillance procedures.
   c) A description of the corrective procedures or operational changes that shall be taken in the event of a malfunction or failure to achieve compliance with the applicable emission limits.

   If at any time the MAP fails to address or inadequately addresses an event that meets the characteristics of a malfunction, the permittee shall amend the MAP within 45 days after such an event occurs. The permittee shall also amend the MAP within 45 days, if new equipment is installed or upon request from the District Supervisor. The permittee shall submit the MAP and any amendments to the MAP to the AQD District Supervisor for review and approval. If the AQD does not notify the permittee within 90 days of submittal, the MAP or amended MAP shall be considered approved. Until an amended plan is approved, the permittee shall implement corrective procedures or operational changes to achieve compliance with all applicable emission limits. **(R 336.1225, R 336.1702(a), R 336.1910, R 336.1911, 40 CFR 52.21(c) & (d))**

2. The permittee shall operate and maintain each engine of FG-GEN7&8 such that it meets the emission limits in SC I.2, SC I.4, and SC I.6 over the entire life of the engine. **(40 CFR 60.4234)**

3. If EUGEN7 or EUGEN8 is a certified engine, according to procedures specified in 40 CFR Part 60 Subpart JJJJ, for the same model year, the permittee shall meet the following requirements for that engine:
   a) Operate and maintain the certified engine and control device according to the manufacturer's emission-related written instructions.
   b) Meet the requirements as specified in 40 CFR Part 1068 Subparts A through D, as applicable, including labeling and maintaining certified engines according to the manufacturer's recommendations.
   c) Only change those engine settings that are permitted by the manufacturer.

   If the permittee does not operate and maintain the certified engine and control device according to the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine and be subject to SC III.4. **(40 CFR 60.4243(a) & (b)(1))**

4. If EUGEN7 or EUGEN8 is a non-certified engine or a certified engine operating in a non-certified manner, per 40 CFR Part 60 Subpart JJJJ, the permittee shall keep a maintenance plan for the engine and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. **(40 CFR 60.4243(a)(2) & (b)(2))**

IV. DESIGN/EQUIPMENT PARAMETERS

1. The EUGEN7 nameplate capacity shall not exceed 6,023 HP for the engine, as certified by the equipment manufacturer. The EUGEN8 nameplate capacity shall not exceed 4,601 HP for the engine, as certified by the equipment manufacturer. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d), 40 CFR 60.4230, 40 CFR 60.4233)**
2. The permittee shall not operate EUGEN7 or EUGEN8 unless their respective oxidation catalyst is installed, maintained, and operated in a satisfactory manner. Satisfactory manner includes operating and maintaining each engine within FG-GEN7&8 in accordance with an approved MAP for FG-GEN7&8 as required in SC III.1. **(R 336.1205(1)(a) & (3), R 336.1224, R 336.1225, R 336.1702(a), R 336.1910, 40 CFR 52.21(c) & (d), 40 CFR 60.4233(e), Table 1 of 40 CFR Part 60 Subpart JJJJ)**

3. The permittee shall install, calibrate, maintain and operate in a satisfactory manner, a device to monitor and record the natural gas usage for FG-GEN7&8 on a continuous basis. **(R 336.1205(1)(a) & (3))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. If EUGEN7 or EUGEN8 is non-certified, is not installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions, or the permittee changes emission-related settings in a way that is not permitted by the manufacturer, the permittee must demonstrate compliance as follows:
   a) Conduct an initial performance test to demonstrate compliance with the applicable emission standards in SC I.2, SC I.4, and SC I.6, within 60 days after achieving the maximum production rate at which either engine, EUGEN7 or EUGEN8, will be operated, but not later than 180 days after initial startup of that engine, or within 1 year after that engine is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after changing emission-related settings in a way that is not permitted by the manufacturer.
   b) If a performance test is required, the performance tests shall be conducted according to 40 CFR 60.4244.
   c) Conduct subsequent performance testing every 8,760 hours of engine operation or every 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards.

   If a performance test is required, no less than 30 days prior to testing, a complete test plan shall be submitted to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.1205(1)(a) & (3), R 336.1702(a), R 336.2001, R 336.2003, R 336.2004, 40 CFR 52.21(c) & (d), 40 CFR 60.4243(a)(2)(iii) & (b)(2)(ii), 40 CFR 60.4244, 40 CFR 60.4245(d), 40 CFR Part 60 Subpart JJJJ)**

2. Within 180 days after commencement of initial startup, the permittee shall verify NO_x and CO emission rates from each unit in FG-GEN7&8 by testing at the owner's expense, in accordance with Department requirements. The permittee must complete the required testing once every 8,760 hours of engine operation or every 3 years, thereafter. Testing shall be performed using an approved EPA Method listed in 40 CFR Part 60, Appendix A. An alternate method, or a modification to the approved EPA Method, may be specified in an AQD approved Test Protocol. No less than 30 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing, including any modifications to the method in the test protocol that are proposed after initial submittal. The permittee must submit a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. Note: testing performed for SC V.1 may constitute compliance with this condition; though the test must demonstrate compliance with the applicable emission standards in SC I.1 and SC I.3. **(R 336.1205(1)(a) & (3), R 336.2001, R 336.2003, R 336.2004, 40 CFR 52.21(c) & (d))**

3. Within 180 days after commencement of initial startup, the permittee shall verify the formaldehyde emission factor from each unit in FG-GEN7&8 by testing at the owner's expense, in accordance with Department requirements. The permittee must complete the required testing once every 8,760 hours of engine operation or every 3 years, thereafter. Testing shall be performed using an approved EPA Method listed in 40 CFR Part 63, Appendix A. An alternate method, or a modification to the approved EPA Method, may be specified in an AQD approved Test Protocol. No less than 30 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing, including any modifications to the method in the test protocol that are proposed after initial submittal. The permittee must submit a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.2001, R 336.2003, R 336.2004)**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required records/calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205(1)(a) & (3), R 336.1910, R 336.1911, 40 CFR 52.21(c) & (d), 40 CFR 60.4233(e), 40 CFR 60.4243, 40 CFR 60.4245(a), 40 CFR Part 60 Subpart JJJJ)**

2. The permittee shall keep, in a satisfactory manner, the following records for each engine in FG-GEN7&8, EUGEN7 and EUGEN8:
   a) If certified: The permittee shall keep records of the documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR Parts 90, 1048, 1054, and 1060, as applicable.
   b) If non-certified: The permittee shall keep records of testing required in SC V.1.

   The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1)(a) & (3), 40 CFR 52.21(c) & (d), 40 CFR 60.4233(e), 40 CFR 60.4243, 40 CFR 60.4245(a))**

3. The permittee shall keep, in a satisfactory manner, the following records of maintenance activity for each engine in FG-GEN7&8, EUGEN7 and EUGEN8:
   a) If certified: The permittee shall keep the manufacturer's emission-related written instructions and records demonstrating that the engine has been maintained according to them, as specified in SC III.3.
   b) If non-certified: The permittee shall keep records of a maintenance plan, as required by SC III.4, and maintenance activities.

   The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1910, R 336.1911, 40 CFR 60.4243, 40 CFR 60.4245(a), 40 CFR Part 60 Subpart JJJJ)**

4. The permittee shall keep records of all notifications submitted to comply with 40 CFR Part 60 Subpart JJJJ, as required in SC VII.3, and all documentation supporting any notification. **(40 CFR 60.4245(a))**

5. The permittee shall keep, in a satisfactory manner, the test reports required in SC V.2 for NO_x and CO and the test reports required in SC V.3 for formaldehyde, for EUGEN7 and EUGEN8. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1)(a) & (3), R 336.1225)**

6. The permittee shall monitor and record, in a satisfactory manner, the natural gas usage for FG-GEN7&8 on a monthly basis. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1)(a) & (3), R 336.1225)**

7. The permittee shall calculate and keep, in a satisfactory manner, records of monthly and 12-month rolling total CO and total formaldehyde mass emissions for FG-GEN7&8, as required by SC I.5 and SC I.7. The permittee shall keep all records on file and make them available to the Department upon request. The calculations shall be performed using a method approved by the District Supervisor. **(R 336.1205(1)(a) & (3), R 336.1225)**

VII. REPORTING

1. Within 30 days after completion of the installation, construction, reconstruction, relocation, or modification authorized by this Permit to Install, the permittee or the authorized agent pursuant to Rule 204, shall notify the AQD District Supervisor, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, or modification is considered to occur not later than commencement of initial startup of each engine in FG-GEN7&8, EUGEN7 and EUGEN8. **(R 336.1201(7)(a))**

2. The permittee shall submit a notification specifying whether the engines in FG-GEN7&8 will be operated in a certified or a non-certified manner to the AQD District Supervisor, in writing, within 30 days following the initial startup of an engine and within 30 days of switching the manner of operation. **(40 CFR Part 60 Subpart JJJJ)**

3. The permittee shall submit an initial notification as required in 40 CFR 60.7(a)(1), if any engine in FG-GEN7&8 has not been certified by an engine manufacturer to meet the emission standards in 40 CFR 60.4231. The notification must include the following information:
   a) The date construction commenced.
   b) Name and address of the owner or operator.
   c) The address of the effected source.
   d) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement.
   e) Emission control equipment.
   f) Fuel used.

   The notification must be postmarked no later than 30 days after construction commenced for the respective engine. **(40 CFR 60.7(a)(1), 40 CFR 60.4245(c))**

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVGEN7	28	36	R 336.1225
2. SVGEN8	28	36	R 336.1225

IX. OTHER REQUIREMENTS

1. The permittee shall comply with all applicable provisions of the New Source Performance Standards, as specified in 40 CFR, Part 60, Subpart A and Subpart JJJJ, as they apply to each engine of FG-GEN7&8. **(40 CFR Part 60, Subparts A and JJJJ, 40 CFR 60.4246, 40 CFR 63.6590(c)(1))**

2. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart A and Subpart ZZZZ, as they apply to each engine of FG-GEN7&8, upon startup. **(40 CFR Part 63, Subparts A and ZZZZ)**

Footnotes:
[1]This condition is state only enforceable and was established pursuant to Rule 201(1)(b).