

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

February 29, 2012

**PERMIT TO INSTALL
160-11**

ISSUED TO
General Motors Technical Center - Warren

LOCATED AT
30001 Van Dyke Road
Warren, Michigan

IN THE COUNTY OF
Macomb

STATE REGISTRATION NUMBER
B4049

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. 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:

November 7, 2011

DATE PERMIT TO INSTALL APPROVED:

February 29, 2012

SIGNATURE:

DATE PERMIT VOIDED:

SIGNATURE:

DATE PERMIT REVOKED:

SIGNATURE:

PERMIT TO INSTALL

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Common Abbreviations / Acronyms

Common Acronyms		Pollutant/Measurement Abbreviations	
AQD	Air Quality Division	BTU	British Thermal Unit
ANSI	American National Standards Institute	°C	Degrees Celsius
BACT	Best Available Control Technology	CO	Carbon Monoxide
CAA	Clean Air Act	dscf	Dry standard cubic foot
CEM	Continuous Emission Monitoring	dscm	Dry standard cubic meter
CFR	Code of Federal Regulations	°F	Degrees Fahrenheit
COM	Continuous Opacity Monitoring	gr	Grains
EPA	Environmental Protection Agency	Hg	Mercury
EU	Emission Unit	hr	Hour
FG- BACKUP GENS	Flexible Group	H ₂ S	Hydrogen Sulfide
GACS	Gallon of Applied Coating Solids	hp	Horsepower
GC	General Condition	lb	Pound
HAP	Hazardous Air Pollutant	m	Meter
HVLP	High Volume Low Pressure *	mg	Milligram
ID	Identification	mm	Millimeter
LAER	Lowest Achievable Emission Rate	MM	Million
MACT	Maximum Achievable Control Technology	MW	Megawatts
MAERS	Michigan Air Emissions Reporting System	ng	Nanogram
MAP	Malfunction Abatement Plan	NO _x	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality (Department)	PM	Particulate Matter
MIOSHA	Michigan Occupational Safety & Health Administration	PM10	PM less than or equal to 10 microns diameter
MSDS	Material Safety Data Sheet	PM2.5	PM less than or equal 2.5 microns diameter
NESHAP	National Emission Standard for Hazardous Air Pollutants	pph	Pound per hour
NSPS	New Source Performance Standards	ppm	Parts per million
NSR	New Source Review	ppmv	Parts per million by volume
PS	Performance Specification	ppmw	Parts per million by weight
PSD	Prevention of Significant Deterioration	psia	Pounds per square inch absolute
PTE	Permanent Total Enclosure	psig	Pounds per square inch gauge
PTI	Permit to Install	scf	Standard cubic feet
RACT	Reasonably Available Control Technology	sec	Seconds
ROP	Renewable Operating Permit	SO ₂	Sulfur Dioxide
SC	Special Condition	THC	Total Hydrocarbons
SCR	Selective Catalytic Reduction	tpy	Tons per year
SRN	State Registration Number	µg	Microgram
TAC	Toxic Air Contaminant	VOC	Volatile Organic Compounds
TEQ	Toxicity Equivalence Quotient	yr	Year
VE	Visible Emissions		

* For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

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 Environmental Quality, 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 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 R 336.1219 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 R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(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 R 336.1301, 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 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 R 336.1370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

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

All engines are model year 2010 and are subject to NESHAP ZZZZ and NSPS IIII.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EUDRUPS1	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS2	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS3	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS4	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS5	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS6	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS7	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUDRUPS8	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EUDRUPS 9	Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engine, Model year 2010, designed with ignition timing retardation (ITR), part of a DRUPs system. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUGENERATOR1	Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engine, designed with ignition timing retardation (ITR), Model year 2010. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUGENERATOR2	Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engine, designed with ignition timing retardation (ITR), Model year 2010. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUGENERATOR3	Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engine, designed with ignition timing retardation (ITR), Model year 2010. No add-on control.	February 29, 2012	FG-BACKUPGENS
EUGENERATOR4	Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engine, designed with ignition timing retardation (ITR), Model year 2010. No add-on control.	February 29, 2012	FG-BACKUPGENS
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-BACKUPGENS	Nine (9) Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engines and four (4) Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engines. All engines are subject to NESHAP ZZZZ and NSPS IIII.	EUDRUPS1, EUDRUPS2, EUDRUPS3, EUDRUPS4, EUDRUPS5, EUDRUPS6, EUDRUPS7, EUDRUPS8, EUDRUPS9, EUGENERATOR1, EUGENERATOR2, EUGENERATOR3, EUGENERATOR4

The following conditions apply to: FG-BACKUPGENS

DESCRIPTION: Nine (9) Detroit Diesel 3010 kW (4035 hp) diesel fueled emergency generator engines and four (4) Detroit Diesel 2280 kW (3058 hp) diesel fueled emergency generator engines. Both engine models are designed to operate with ignition timing retardation (ITR) for the purpose of exhaust emissions optimization. All engines are subject to NESHAP ZZZZ and NSPS IIII.

Emission Units: EUDRUPS1, EUDRUPS2, EUDRUPS3, EUDRUPS4, EUDRUPS5, EUDRUPS6, EUDRUPS7, EUDRUPS8, EUDRUPS9, EUGENERATOR1, EUGENERATOR2, EUGENERATOR3, EUGENERATOR4

POLLUTION CONTROL EQUIPMENT: N/A

I. EMISSION LIMITS

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. NOx	9.2 g/kW-hr	Test Protocol*	Each engine of FG-BACKUPGENS	SC VI.2	40 CFR 60.4205
2. NOx	5.98 g/kW-hr	Test Protocol*	Each engine: EUDRUPS1, EUDRUPS2, EUDRUPS3, EUDRUPS4, EUDRUPS5, EUDRUPS6, EUDRUPS7, EUDRUPS8, EUDRUPS9	GC.13	R 336.2803, R 336.2804, R 336.2810 40 CFR 52.21(c), (d) & (j)
3. NOx	6.93 g/kW-hr	Test Protocol*	Each engine: EUGENRATOR1 EUGENERATOR2 EUGENERATOR3 EUGENERATOR4	GC.13	R 336.2803, R 336.2804, R 336.2810 40 CFR 52.21(c), (d) & (j)
4. HC	1.3 g/kW-hr	Test Protocol*	Each engine of FG-BACKUPGENS	SC VI.2	40 CFR 60.4205
5. CO	11.4 g/kW-hr	Test Protocol*	Each engine of FG-BACKUPGENS	SC VI.2	40 CFR 60.4205
6. PM	0.54 g/kW-hr	Test Protocol*	Each engine of FG-BACKUPGENS	SC VI.2	40 CFR 60.4205
* Test method shall specify averaging time					

II. MATERIAL LIMITS

- The permittee shall burn only diesel fuel, in FG-BACKUPGENS with the maximum sulfur content of 15 ppm (0.0015 percent) by weight. **(R 336.1205(1)(a), R 336.1402(1), 40 CFR 60.4207, 40 CFR 80.510(b))**

III. PROCESS/OPERATIONAL RESTRICTIONS

- The permittee shall not operate each engine of FG-BACKUPGENS for more than 500 hours per year on a 12-month rolling time period basis as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), R 336.2803, R 336.2804, 40 CFR 52.21 (c) & (d))**

2. The permittee may operate each engine of FG-BACKUPGENS for no more than 100 hours per 12-month rolling time period as determined at the end of each calendar month for the purpose of necessary maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing. 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 internal combustion engines beyond 100 hours per year. Emergency stationary ICE may operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity. For owners and operators of emergency engines, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as permitted in this section, is prohibited. **(40 CFR 60.4211)**
3. Except as allowed by 40 CFR 60.4211(g), the permittee shall install, maintain, and operate each engine of FG-BACKUPGENS according to the manufacturer written instructions, or procedures developed by the owner/operator and approved by the engine manufacturer, over the entire life of the engine. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1911, R 336.2803, R 336.2804, 40 CFR 52.21(c) & (d), 40 CFR 60.4206, 40 CFR 60.4211)**

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall equip and maintain each engine of FG-BACKUPGENS with a non-resettable hours meter to track the operating hours. **(R 336.1205(1)(a) & (3), R 336.1225, 40 CFR 60.4209)**
2. The nameplate capacity of each engine EUDRUPS1 through EUDRUPS9 shall not exceed 3010 kW, and the nameplate capacity of each engine EUGENERATOR1 through EUGENERATOR4 shall not exceed 2280 kW, as certified by the equipment manufacturer. **(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. Upon request of the AQD District Supervisor, the permittee shall verify NO_x, HC, CO and PM emission rates from one of more engines in FG-BACKUPGENS, by testing at owner's expense, in accordance with Department requirements. If testing is to be performed, the permittee must submit a complete stack-testing plan to the AQD no less than 30 days prior to testing. 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 within 60 days following the last date of the test. **(R 336.2001, R 336.2003, R336.2803, Rule 336.2804, R 336.2004, 40 CFR 60.4211)**
2. For each of engine of FG-BACKUPGENS, the permittee shall demonstrate compliance with NO_x, HC, CO and PM emissions by providing manufacturer certification that the engine meets the emissions standards in SC I.1, I.4, I.5 and I.6; or, if the engine becomes uncertified (the permittee does not install, configure, operate and maintain the engine and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacture), then the permittee must demonstrate compliance as follows:
 - a. The permittee shall keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.
 - b. The permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no

longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the permittee changes emission-related settings in a way that is not permitted by the manufacturer. The permittee shall conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards.

If testing is required, no less than 60 days prior to testing, the permittee must submit a complete stack-testing plan to the AQD. 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 within 60 days following the last date of the test. **(R 336.2001, R 336.2003, R 336.2004, 40 CFR 60.4211(g))**

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 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 336.2803, R 336.2804, 40 CFR 52.21 (c) & (d))**
2. For each engine of FG-BACKUPGENS, the permittee shall keep records to demonstrate compliance with emission standards as specified in 40 CFR 60.4205(b), according to one of the following methods:
 - a. Certified Engines—Keep manufacturer certification documentation indicating that meets the applicable emission limitations contained in the federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subpart IIII. The engine must be installed and configured according to the manufacturer's specifications.
 - b. Uncertified Engines (If the engine and control device is operated or maintained in a manner other than according to the manufacturer's emission-related written instructions, the engine becomes uncertified) as allowed by 40 CFR 60.4211(g)—Keep records of:
 - i) The maintenance plan and maintenance activities
 - ii) The initial performance test and subsequent performance tests, as required by 40 CFR 4211(g), according to the requirements specified in 40 CFR 60.4212, as applicable.

The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211(c))**

3. The permittee shall monitor and record the hours of operation of each engine of FG-BACKUPGENS during emergencies and non-emergencies, on a monthly and 12-month rolling time period basis, in a manner acceptable to the District Supervisor, Air Quality Division. The permittee shall record the hours of operation of each engine of FG-BACKUPGENS and the reason it was in operation during those hours. **(R 336.1205(1)(a) & (3), 40 CFR 60.4211, 40 CFR 60.4214)**
4. The permittee shall keep, in a satisfactory manner, fuel supplier certification records or fuel sample test data, for each delivery of diesel fuel oil used in FG-BACKUPGENS demonstrating that the fuel sulfur content meets the requirement of 40 CFR 80.510(b). The certification or test data shall include the name of the oil supplier or laboratory, and the sulfur content of the fuel oil. **(R 336.1205(1)(a) & (3), 40 CFR 80.510(b))**

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 trial operation of each engine of FG-BACKUPGENS. **(R 336.1201(7)(a))**

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. EUDRUPS1	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
2. EUDRUPS2	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
3. EUDRUPS3	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
4. EUDRUPS4	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
5. EUDRUPS5	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
6. EUDRUPS6	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
7. EUDRUPS7	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
8. EUDRUPS8	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
9. EUDRUPS 9	22	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
10. EUGENERATOR1	12	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
11. EUGENERATOR2	12	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
12. EUGENERATOR3	12	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)
13. EUGENERATOR4	12	24	R 336.1225, R 336.2803, R 336.2804 40 CFR 52.21 (c) & (d)

IX. OTHER REQUIREMENTS

1. The permittee shall comply with the provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subpart A and Subpart IIII, as they apply to each engine of FG-BACKUPGENS, upon startup. **(40 CFR Part 60 Subparts A & IIII)**

Footnotes:

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

FG-CI RICE MACT

FLEXIBLE GROUP CONDITIONS

New/Reconstructed CI Engines at a Major Source > 500 HP
Emergency and Limited Use

DESCRIPTION: New/Reconstructed CI Engines located at a Major Source > 500 HP, Emergency and Limited Use. Commenced Construction or Reconstruction on or after December 19, 2002.

Flexible Group ID:

POLLUTION CONTROL EQUIPMENT:

I. EMISSION LIMITS

N/A

II. MATERIAL LIMITS

N/A

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

N/A

V. TESTING/SAMPLING

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

N/A

VI. MONITORING/RECORDKEEPING

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

N/A

VII. REPORTING

1. The permittee shall submit all applicable notifications specified in 40 CFR 63.7(b) and (c), 63.8 (e), (f)(4), and (f)(6), and 63.9(b) through (e), (g), and (h) by the dates specified. **(40 CFR 63.6645(a)(3) and (f))**

VIII. STACK/VENT RESTRICTIONS

N/A

IX. OTHER REQUIREMENTS

1. 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, for Stationary Reciprocating Internal Combustion Engines, upon startup. **(40 CFR 63.6595(a)(2), 40 CFR, Part 63, Subparts A and ZZZZ)**

Footnotes:

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

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).