

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

November 23, 2022

**PERMIT TO INSTALL
19-12C**

**ISSUED TO
MAHLE Powertrain, LLC**

**LOCATED AT
14900 Galleon Court
Plymouth Township, Michigan 48170**

**IN THE COUNTY OF
Wayne**

**STATE REGISTRATION NUMBER
P0316**

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: November 11, 2022 | |
| DATE PERMIT TO INSTALL APPROVED: November 23, 2022 | SIGNATURE: |
| DATE PERMIT VOIDED: | SIGNATURE: |
| DATE PERMIT REVOKED: | SIGNATURE: |

PERMIT TO INSTALL

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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 ₂ e | 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 ₂ S | 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 condition 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)**

EMISSION UNIT 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 (Including Process Equipment & Control Device(s)) | Installation Date / Modification Date | Flexible Group ID |
|------------------|--|--|-------------------|
| EU-TESTCELL1 | 500 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, compressed natural gas (CNG), hydrogen, and liquefied petroleum gas (LPG) operated both controlled and uncontrolled Stack ID: SV-01 | April 2012 | FG-TESTCELLS |
| EU-TESTCELL2 | 500 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, CNG, hydrogen, and LPG operated both controlled and uncontrolled Stack ID: SV-02 | April 2012 | FG-TESTCELLS |
| EU-TESTCELL3 | 500 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, CNG, hydrogen, and LPG operated both controlled and uncontrolled Stack ID: SV-03 | April 2012 | FG-TESTCELLS |
| EU-TESTCELL4 | 500 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, CNG, hydrogen, and LPG operated both controlled and uncontrolled Stack ID: SV-04 | April 2012 | FG-TESTCELLS |
| EU-TESTCELL5/6 | 800 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, CNG, hydrogen, and LPG operated both controlled and uncontrolled Stack ID: SV-05 | April 2012/TBD | FG-TESTCELLS |
| EU-TESTCELL7 | 500 kW engine dynamometer test cell firing unleaded gasoline, diesel, biodiesel, methanol, ethanol, synthetic diesel, kerosene, gasoline/alcohol blend, CNG, hydrogen, and LPG operated both controlled and uncontrolled Stack ID: SV-06 | April 2012 | FG-TESTCELLS |

| Emission Unit ID | Emission Unit Description (Including Process Equipment & Control Device(s)) | Installation Date / Modification Date | Flexible Group ID |
|-------------------------|---|--|--------------------------|
| EU-FABRICATION | Miscellaneous metal fabrication processes using hand-held welding equipment to modify engine components if necessary for testing. | April 2012 | NA |
| EU-SPACEHEATING | Natural gas fired air handling units for general building heat. | April 2012 | NA |

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 336.1291.

FLEXIBLE GROUP SPECIAL CONDITIONS

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-TESTCELLS | 6 engine dynamometer test cells firing unleaded gasoline, gasoline/ethanol, gasoline/methanol, diesel, methanol, ethanol, kerosene, CNG, hydrogen, and LPG, operated both controlled and uncontrolled. | EU-TESTCELL1, EU-TESTCELL2, EU-TESTCELL3, EU-TESTCELL4, EU-TESTCELL5/6, EU-TESTCELL7 |

**FG-TESTCELLS
 FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

6 engine dynamometer test cells firing unleaded gasoline, gasoline/ethanol, gasoline/methanol, diesel, methanol, ethanol, kerosene, CNG, hydrogen, and LPG, operated both controlled and uncontrolled.

Emission Unit: EU-TESTCELL1, EU-TESTCELL2, EU-TESTCELL3, EU-TESTCELL4, EU-TESTCELL 5/6, EU-TESTCELL7

POLLUTION CONTROL EQUIPMENT

Factory installed catalytic converter for controlled engines.

I. EMISSION LIMIT(S)

| Pollutant | Limit | Time Period / Operating Scenario | Equipment | Monitoring / Testing Method | Underlying Applicable Requirements |
|-------------------------------|--------------|--|------------------|------------------------------------|---|
| 1. CO | 56.7 tpy | 12-month rolling time period as determined at the end of each calendar month | FG-TESTCELLS | SC VI.4 | R 336.1205(1)(a) & (3), 40 CFR 52.21 (c) & (d) |
| 2. 1,3-butadiene ¹ | 10.9 lb/yr | 12-month rolling time period as determined at the end of each calendar month | FG-TESTCELLS | SC VI.4 | R 336.1224, R 336.1225 |
| 3. Acetaldehyde ¹ | 358 lb/yr | 12-month rolling time period as determined at the end of each calendar month | FG-TESTCELLS | SC VI.4 | R 336.1224, R 336.1225 |
| 4. Benzene ¹ | 180 lb/yr | 12-month rolling time period as determined at the end of each calendar month | FG-TESTCELLS | SC VI.4 | R 336.1224, R 336.1225 |

Emission Factors

| Gasoline, Alcohol, and Gasoline/Alcohol blends: | Diesel, Bio-Diesel, Synthetic Diesel, Kerosene: | CNG | LPG |
|--|--|---|--|
| Uncontrolled: (lb/gallon) CO – 3.12 1,3-Butadiene – 3.51E-4 Acetaldehyde – 1.30E-2 Benzene – 6.01E-3 Formaldehyde – 6.61E-4 | Uncontrolled: (lb/gallon) CO – 0.0137 1,3-Butadiene – 5.36E-6 Acetaldehyde – 1.05E-4 Benzene – 1.28E-4 Formaldehyde – 1.62E-4 | Uncontrolled: (lb/kg) CO – 0.840 1,3-Butadiene – 3.32E-5 Acetaldehyde – 4.18E-4 Benzene – 7.90E-5 Formaldehyde – 2.64E-3 | Uncontrolled: (lb/kg) CO – 0.956 1,3-Butadiene – 1.66E-5 Acetaldehyde – 1.70E-4 Formaldehyde – 1.58E-4 |

II. MATERIAL LIMIT(S)

1. The permittee shall not burn any fuels in FG-TESTCELLS other than unleaded gasoline, alcohol, gasoline-alcohol blends, diesel, biodiesel, synthetic diesel, kerosene, CNG, hydrogen, and LPG. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
2. The total usage for gasoline, alcohol, and gasoline-alcohol blends for FG-TESTCELLS while controlled and uncontrolled shall not exceed 70,000 gallons per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
3. The total usage for gasoline, alcohol, and gasoline-alcohol blends for FG-TESTCELLS while uncontrolled shall not exceed 20,000 gallons per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
4. The total usage for diesel, biodiesel, synthetic diesel, and kerosene for FG-TESTCELLS while controlled and uncontrolled shall not exceed 400,000 gallons per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
5. The total usage for diesel, biodiesel, synthetic diesel, and kerosene for FG-TESTCELLS while uncontrolled shall not exceed 200,000 gallons per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
6. The total usage for Compressed Natural Gas (CNG) for FG-TESTCELLS while controlled and uncontrolled shall not exceed 45,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
7. The usage for Compressed Natural Gas (CNG) for FG-TESTCELLS while uncontrolled shall not exceed 15,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
8. The total usage for Liquefied Petroleum Gas (LPG) for FG-TESTCELLS while controlled and uncontrolled shall not exceed 45,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
9. The usage for Liquefied Petroleum Gas (LPG) for FG-TESTCELLS while uncontrolled shall not exceed 15,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
10. The usage for hydrogen for FG-TESTCELLS while controlled and uncontrolled shall not exceed 45,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21 (c) & (d))**
11. The usage for hydrogen for FG-TESTCELLS while uncontrolled shall not exceed 15,000 kilograms per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21 (c) & (d))**
12. The total usage for gasoline, alcohol, and gasoline-alcohol blends for FG-TESTCELLS while uncontrolled shall not exceed 2,500 gallons per calendar day. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), 40 CFR 52.21 (c) & (d))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip and maintain each engine in FG-TESTCELLS with a catalytic converter when operating controlled. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), R 336.1910, 40 CFR 52.21(c) & (d))**
2. The permittee shall not modify or replace the cooling system for FG-TESTCELLS if the system would allow engines exceeding 2,000kW (2,682 HP) to be operated simultaneously. **(R 336.1205(1)(a) & (3), R 336.1225, R 336.1702(a), R 336.1910, 40 CFR 52.21 (c) & (d))**
3. The maximum combined rated power output of CNG-fired engines in FG-TESTCELLS shall not exceed 1,300 kW (1743.3 HP) simultaneously. **(R 336.1225, R 336.1702(a))**

V. TESTING/SAMPLING

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

NA

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 15th 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 336.1224, R 336.1225, R 336.1702(a), 40 CFR 52.21(c)&(d))**
2. The permittee shall keep, in a satisfactory manner, records of all types of fuels that have been used in FG-TESTCELLS. The permittee shall update the record upon use of any new fuel. 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))**
3. The permittee shall keep, in a satisfactory manner, daily records of the amount of uncontrolled gasoline, alcohol, and gasoline-alcohol blends used in FG-TESTCELLS. 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, R 336.1702(a), 40 CFR 52.21(c) & (d))**
4. The permittee shall keep the following information on a monthly basis for FG-TESTCELLS:
 - a) A record of the total amount of each fuel used while emissions were controlled per 12-month rolling time period as determined at the end of each calendar month.
 - b) A record of the amount of each fuel used while emissions were uncontrolled per 12-month rolling time period as determined at the end of each calendar month.
 - c) Emission calculations determining the monthly emission rate of 1,3-Butadiene, Acetaldehyde, and Benzene in lbs per calendar month¹.
 - d) Emission calculations determining the annual emission rate of 1,3-Butadiene, Acetaldehyde, and Benzene in lbs per 12-month rolling time period as determined at the end of each calendar month¹.
 - e) Emission calculations determining the monthly emission rate of CO in tons per calendar month.
 - f) Emission calculations determining the annual emission rate of CO in tons per 12-month rolling time period as determined at the end of each calendar month.

The permittee shall keep the records in a format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1)(a) & (3), R 336.1224, R 336.1225, R 336.1702(a), 40 CFR 52.21(c)&(d))**

5. The permittee shall keep, in a satisfactory manner, records of the maximum lead content in the gasoline for each delivery. 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))**

6. The permittee shall keep, in a satisfactory manner, records of the maximum sulfur content in the diesel fuel for each delivery. 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))**
7. The permittee shall keep, in a satisfactory manner, records of any modifications made to the cooling system for FG-TESTCELLS. 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))**

VII. REPORTING

1. The permittee shall notify the Department if a change in land use occurs for property classified as industrial or as a public roadway, where this classification was relied upon to demonstrate compliance with Rule 225(1). The permittee shall submit the notification to the AQD District Supervisor, within 30 days of the actual land use change. Within 60 days of the land use change, the permittee shall submit to the AQD District Supervisor a plan for complying with the requirements of Rule 225(1). The plan shall require compliance with Rule 225(1) no later than one year after the due date of the plan submittal. **(R 336.1225(4))**

VIII. STACK/VENT RESTRICTION(S)

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. SV-01 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |
| 2. SV-02 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |
| 3. SV-03 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |
| 4. SV-04 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |
| 5. SV-05 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |
| 6. SV-06 | 36 | 37.7 | R 336.1225, 40 CFR 52.21 (c) & (d) |

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

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

FGFACILITY CONDITIONS

DESCRIPTION

The following conditions apply source-wide to all process equipment including equipment covered by other permits, grand-fathered equipment, and exempt equipment.

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

| Pollutant | Limit | Time Period / Operating Scenario | Equipment | Monitoring / Testing Method | Underlying Applicable Requirements |
|--|-----------|--|------------|-----------------------------|------------------------------------|
| 1. CO | 66.7 tpy* | 12-month rolling time period as determined at the end of each calendar month | FGFACILITY | SC VI.2 | R 336.1205(1) & (3) |
| *Limited by the fuel restrictions in FG-TESTCELLS and the potential to emit for all exempt equipment | | | | | |

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

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

NA

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 15th day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205(1)&(3))**
2. The permittee shall keep the following information on a monthly basis for FG-FACILITY:
 - a) An updated inventory of all permitted and unpermitted sources of air emissions at the site
 - b) CO emission calculations determining the monthly potential to emit from FG-FACILITY in tons per calendar month
 - c) CO emission calculations determining the annual potential to emit for FG-FACILITY in tons per 12-month rolling time period as determined at the end of each calendar month.

The permittee shall keep the records in a format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(1)&(3))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

NA