

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

October 6, 2023

PERMIT TO INSTALL
51-23A

ISSUED TO
UniFirst Corporation

LOCATED AT
991 Inkster Road
Taylor, Michigan 48180

IN THE COUNTY OF
Wayne

STATE REGISTRATION NUMBER
P1353

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: September 14, 2023 | |
| DATE PERMIT TO INSTALL APPROVED: October 6, 2023 | 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 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)**

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 |
|-------------------------|--|--|--------------------------|
| EUW01 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW02 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW03 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW04 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW05 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW06 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW07 | 650 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW08 | 450 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW09 | 450 lb nameplate capacity Braun industrial washing machine. | TBD | FGLAUNDRY |
| EUW10 | 160 lb nameplate capacity Milnor industrial washing machine. | TBD | FGLAUNDRY |
| EUW11 | 100 lb nameplate capacity Milnor industrial washing machine. | TBD | FGLAUNDRY |
| EUWWT01 | On-site wastewater treatment system to pre-treat wastewater from the washing machines prior to discharge to the publicly owned wastewater system. | TBD | FGLAUNDRY |
| EUD01 | 700 lb nameplate capacity Braun natural gas-fired industrial dryer with a maximum heat input of 2.80 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUD02 | 700 lb nameplate capacity Braun natural gas-fired industrial dryer with a maximum heat input of 2.80 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUD03 | 700 lb nameplate capacity Braun natural gas-fired industrial dryer with a maximum heat input of 2.80 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUD04 | 700 lb nameplate capacity Braun natural gas-fired industrial dryer with a maximum heat input of 2.80 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUD05 | 700 lb nameplate capacity Braun natural gas-fired industrial dryer with a maximum heat input of 2.80 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |

| Emission Unit ID | Emission Unit Description (Including Process Equipment & Control Device(s)) | Installation Date / Modification Date | Flexible Group ID |
|-------------------------|---|--|--------------------------|
| EUD06 | 170 lb nameplate capacity Milnor natural gas-fired industrial dryer with a maximum heat input of 0.55 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUD07 | 170 lb nameplate capacity Milnor natural gas-fired industrial dryer with a maximum heat input of 0.55 MMBtu/hr. The exhaust air passes through a lint collector before being vented to the ambient air. | TBD | FGLAUNDRY |
| EUST01 | Leonard natural gas-fired steam tunnel with a maximum heat input of 1.5 MMBtu/hr to remove wrinkles from selected textiles. | TBD | FGLAUNDRY |
| EUB01 | Victory natural gas-fired boiler with a maximum heat input of 9.975 MMBtu/hr. The boiler produces steam and hot water for the industrial washing machines (EUW01-EUW11). | TBD | FGLAUNDRY |
| EURTU01 | Daikin natural gas-fired rooftop unit (RTU) with a maximum heat input of 0.45 MMBtu/hr. | TBD | FGNATURALGAS |
| EURTU02 | Daikin natural gas-fired rooftop unit (RTU) with a maximum heat input of 0.6 MMBtu/hr. | TBD | FGNATURALGAS |
| EURTU03 | Daikin natural gas-fired rooftop unit (RTU) with a maximum heat input of 0.18 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH01 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH02 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH03 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH04 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH05 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH06 | Modine natural gas-fired space heater with a maximum heat input of 0.4 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH07 | Modine natural gas-fired space heater with a maximum heat input of 0.215 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH08 | Modine natural gas-fired space heater with a maximum heat input of 0.215 MMBtu/hr. | TBD | FGNATURALGAS |
| EUSH09 | Modine natural gas-fired space heater with a maximum heat input of 0.175 MMBtu/hr. | TBD | FGNATURALGAS |

| Emission Unit ID | Emission Unit Description (Including Process Equipment & Control Device(s)) | Installation Date / Modification Date | Flexible Group ID |
|-------------------------|--|--|--------------------------|
| EUSH10 | Modine natural gas-fired space heater with a maximum heat input of 0.175 MMBtu/hr. | TBD | FGNATURALGAS |

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 |
|--------------------------|---|--|
| FGLAUNDRY | Industrial laundering operation to wash and dry various textiles including uniforms, floor mats, mops and shop towels. There are eleven industrial washers, seven natural gas-fired industrial dryers, one natural gas-fired wrinkle-removing steam tunnel, one on-site wastewater treatment system and one natural gas-fired process boiler. | EUW01, EUW02, EUW03, EUW04, EUW05, EUW06, EUW07, EUW08, EUW09, EUW10, EUW11, EUWWT01, EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, EUD07, EUST01, EUB01 |
| FGNATURALGAS | Collection of natural gas-fired space heaters and rooftop units (RTUs) with a combined heat input capacity of 4.41 MMBtu/hr. | EURTU01, EURTU02, EURTU03, EUSH01, EUSH02, EUSH03, EUSH04, EUSH05, EUSH06, EUSH07, EUSH08, EUSH09, EUSH10 |

**FGLAUNDRY
 FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

Industrial laundering operation to wash and dry various textiles including uniforms, floor mats, mops and shop towels. There are eleven industrial washers, seven natural gas-fired industrial dryers, one natural gas-fired wrinkle-removing steam tunnel, one on-site wastewater treatment system and one natural gas-fired process boiler.

Emission Units: EUW01, EUW02, EUW03, EUW04, EUW05, EUW06, EUW07, EUW08, EUW09, EUW10, EUW11, EUWWT01, EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, EUD07, EUST01, EUB01

POLLUTION CONTROL EQUIPMENT

- Each dryer is equipped with a lint collector.

I. EMISSION LIMIT(S)

| Pollutant | Limit | Time Period / Operating Scenario | Equipment | Monitoring / Testing Method | Underlying Applicable Requirements |
|------------------|--|--|-------------------------|------------------------------------|---|
| 1. PM | 0.10 lb per 1,000 lbs of gas ^a | Hourly | Each dryer in FGLAUNDRY | SC V.1, VI.5 | R 336.1331(1)(a) |
| 2. PM10 | 0.0019 lb per lb of textiles processed (soiled weight) | Hourly | Each dryer in FGLAUNDRY | SC V.1, VI.5 | 40 CFR 52.21(c) and (d) |
| 3. PM2.5 | 0.0011 lb per lb of textiles processed (soiled weight) | Hourly | Each dryer in FGLAUNDRY | SC V.1, VI.5 | 40 CFR 52.21(c) and (d) |
| 4. VOC | 9.8 tpy | 12-month rolling time period as determined at the end of each calendar month | FGLAUNDRY | SC VI.8 | R 336.1702(a) |

^a Calculated on a wet gas basis

II. MATERIAL LIMIT(S)

1. The permittee shall process no more than 6,000 pounds of soiled shop towels per hour in FGLAUNDRY.¹ **(R 336.1225)**
2. The permittee shall process no more than 12,000 pounds of soiled shop towels per day in FGLAUNDRY.¹ **(R 336.1225)**
3. The permittee shall process no more than 183,333 pounds of soiled shop towels per calendar month in FGLAUNDRY. **(R 336.1225(1) and (2), R 336.1702(a))**
4. The permittee shall process no more than 14,500,000 pounds (soiled weight) of textiles (uniforms, mops, shop towels, etc.) in the dryers (EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, and EUD07) portion of FGLAUNDRY per year, based on a 12-month rolling time period as determined at the end of each calendar month. **(40 CFR 52.21(c) and (d))**
5. The permittee shall burn only sweet natural gas in EUB01. **(R 336.1224, R 336.1225(1) and (2), R 336.1702(a), 40 CFR 52.21(c) & (d))**

6. The permittee shall clean textiles only with water solutions of bleach or detergents in FGLAUNDRY. **(R 336.1225, R 336.1702(a))**
7. The permittee shall not process print towels in FGLAUNDRY. **(R 336.1225, R 336.1702(a))**
8. The permittee shall not process furniture towels in FGLAUNDRY. **(R 336.1225, R 336.1702(a))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The heat input capacity of fuel-burning equipment in FGLAUNDRY shall not exceed the maximum values specified below:

| | Emission Unit | Maximum heat input, MMBTU/hr |
|----|----------------------|-------------------------------------|
| a. | EUD01 | 2.80 |
| b. | EUD02 | 2.80 |
| c. | EUD03 | 2.80 |
| d. | EUD04 | 2.80 |
| e. | EUD05 | 2.80 |
| f. | EUD06 | 0.55 |
| g. | EUD07 | 0.55 |
| h. | EUST01 | 1.50 |
| i. | EUB01 | 9.975 |
| j. | Total | 26.575 |

(R 336.1225(1) and (2), 40 CFR 52.21(c) and (d))

2. The permittee shall implement and maintain the approved operation and maintenance plan for the lint collectors associated with the dryers (EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, and EUD07) portion of FGLAUNDRY. The plan shall include the following:
 - a) Operation and maintenance criteria for each lint collector, as well as a standardized checklist to document the operation and maintenance of the equipment;
 - b) The work practice standards for the lint collectors;
 - c) Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and
 - d) A systematic procedure for identifying process equipment, particulate matter control device, and monitoring equipment malfunctions and for implementing corrective actions to address such malfunctions.**(R 336.1301, R 336.1910)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall not operate the dryers (EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, and EUD07) portion of FGLAUNDRY unless all respective lint collectors are installed, maintained and operated in a satisfactory manner in accordance to the operation and maintenance plan required by SC III.2. **(R 336.1301, R 336.1910)**

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 compliance with the PM emission limit in SC I.1 for FGLAUNDRY, the PM10 emission limit in SC I.2 for FGLAUNDRY, and the PM2.5 emission limit in SC I.3 for FGLAUNDRY, by testing at the owner's expense and in accordance with Department requirements. Testing shall be performed using an approved EPA Method listed in:

| Pollutant | Test Method Reference |
|------------------|---|
| PM | 40 CFR Part 60, Appendix A; Part 10 of the Michigan Air Pollution Control Rules |
| PM10/PM2.5 | 40 CFR Part 51, Appendix M |

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 permittee shall 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 336.2001, R 336.2003, R 336.2004, 40 CFR 52.21(c) and (d))**

2. Upon request of the AQD District Supervisor, the permittee shall verify the VOC emitted while laundering shop towels in FGLAUNDRY by testing at the owner's expense and in accordance with Department requirements. Testing shall be performed using an approved EPA Method listed in 40 CFR Part 60, Appendix A, or 40 CFR Part 51, Appendix M. 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 permittee shall 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 336.1225, R 336.1702, 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 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 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
2. The permittee shall record the amount of soiled shop towels, in pounds per hour, processed through FGLAUNDRY.¹ **(R 336.1225)**
3. The permittee shall record the amount of soiled shop towels, in pounds per day, processed through FGLAUNDRY.¹ **(R 336.1225)**
4. The permittee shall record the amount of soiled shop towels, in pounds per calendar month, processed through FGLAUNDRY. **(R 336.1225(1) and (2), R 336.1702(a))**
5. The permittee shall record the amount of textiles (uniforms, mops, shop towels, etc.) processed through the dryers (EUD01, EUD02, EUD03, EUD04, EUD05, EUD06, and EUD07) portion of FGLAUNDRY in pounds (soiled weight) per calendar month and in pounds (soiled weight) per 12-month rolling time period as determined at the end of each calendar month. **(40 CFR 52.21(c) and (d))**
6. The permittee shall maintain a current listing from the manufacturer of the chemical composition of each detergent material, including the weight percent of each component. The data may consist of Safety Data Sheets, manufacturer's formulation data, or both as deemed acceptable by the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1225, R 336.1702(a))**
7. The permittee shall keep, in a satisfactory manner, a record of actions taken under the dryer lint collector operation and maintenance plan. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1910)**
8. The permittee shall calculate the VOC emission rate from FGLAUNDRY monthly, for the preceding 12-month rolling time period, using a method acceptable to the AQD District Supervisor. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1702(a))**

VII. REPORTING

NA

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. SVB01 | 20 | 38 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 2. SVD01 | 28 | 42 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 3. SVD02 | 28 | 42 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 4. SVD03 | 28 | 42 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 5. SVD04 | 28 | 42 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 6. SVD05 | 28 | 42 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 7. SVD06 | 18 | 39.5 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 8. SVD07 | 18 | 39.5 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 9. SVST01* | 12 | 35 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 10. SVW01 | 40 x 40 | 34 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 11. SVW02 | 40 x 40 | 34 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 12. SVW03 | 40 x 40 | 34 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 13. SVWWT01 | 36 x 36 | 32 | R 336.1225, 40 CFR 52.21(c) and (d) |
| 14. SVWWT02 | 36 x 36 | 32 | R 336.1225, 40 CFR 52.21(c) and (d) |
| * This stack has a rain cap. | | | |

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

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

**FGNATURALGAS
FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

Collection of natural gas-fired space heaters and rooftop units (RTUs) with a combined heat input capacity of 4.41 MMBtu/hr.

Emission Units: EURTU01, EURTU02, EURTU03, EUSH01, EUSH02, EUSH03, EUSH04, EUSH05, EUSH06, EUSH07, EUSH08, EUSH09, EUSH10

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

1. The permittee shall burn only natural gas in FGNATURALGAS. **(R 336.1224, R 336.1225(1) and (2), R 336.1702(a), 40 CFR 52.21 (c) and (d))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The heat input capacity of FGNATURALGAS shall not exceed a maximum of 4.41 MMBTU per hour. **(R 336.1225(1) and (2), R 336.1702(a), 40 CFR 52.21(c) and (d))**

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))**

NA

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 FGNATURALGAS. **(R 336.1201(7)(a))**

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

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