



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY OPERATING PERMIT

Issue Date: October 4, 2019

Effective Date: October 4, 2019

Expiration Date: October 3, 2024

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 49-00047

Synthetic Minor

Federal Tax Id - Plant Code: 23-2168556-1

Owner Information

Name: FURMAN FOODS INC
Mailing Address: 770 CANNERY RD
PO BOX 500
NORTHUMBERLAND, PA 17857-8615

Plant Information

Plant: FURMAN FOODS INC/NORTHUMBERLAND CANNERY
Location: 49 Northumberland County 49922 Point Township
SIC Code: 2033 Manufacturing - Canned Fruits And Vegetables

Responsible Official

Name: JOSEPH KOBULARIK
Title: VP - OPERATIONS
Phone: (570) 473 - 3516 Ext.462

Permit Contact Person

Name: SHAWN A SASSAMAN
Title: ENVIRONMENTAL MGR
Phone: (570) 473 - 3516

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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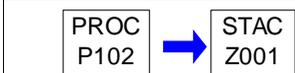
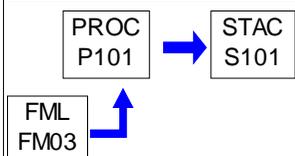
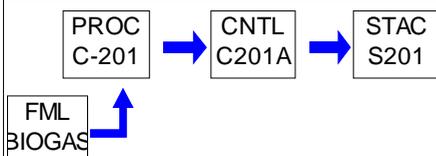
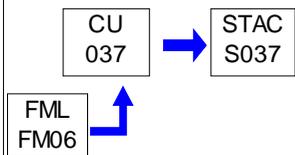
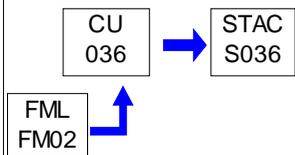
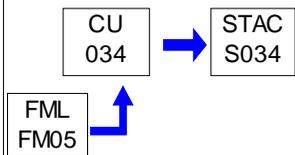
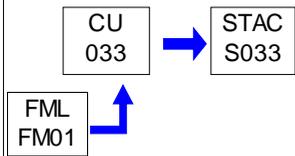
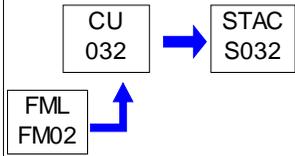
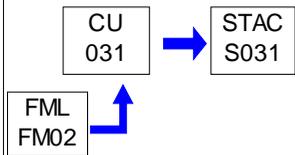
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILER 1	39.700 MMBTU/HR	
		39,700.000 CF/HR	Natural Gas
		283.000 Gal/HR	#2 OIL
032	BOILER 2	69.400 MMBTU/HR	
		69,400.000 CF/HR	Natural Gas
		495.000 Gal/HR	#2 OIL
033	BOILER 3	29.300 MMBTU/HR	
		207.800 Gal/HR	#2 Oil
034	GARAGE FURNACE	0.235 MMBTU/HR	
036	NATURAL GAS FIRED HEATERS		
037	PROPANE FIRED HEATERS		
C-201	BIOGAS ENGINE		
P101	EMERGENCY GENERATOR	3.750 Gal/HR	Diesel Fuel
P102	PARTS WASHERS		
P201	ANAEROBIC DIGESTER		
C201	BIOGAS ENGINE		
C201A	ENGINE OXIDATION CATALYST		
C202	ENCLOSED FLARE		
FILTER	CARBON FILTER TECHNOLOGY		
BIOGAS	BIOGAS FROM DIGESTER		
FM01	10,000 GALLON #2 FUEL OIL TANK		
FM02	NATURAL GAS		
FM03	12,000 GALLON DIESEL FUEL TANK		
FM05	WASTE OIL STORAGE TANK		
FM06	PROPANE TANKS		
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PERMIT MAPS

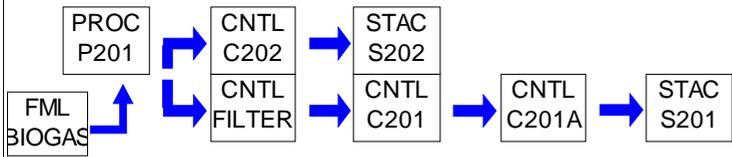


PERMIT MAPS





PERMIT MAPS



**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]**Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

**SECTION B. General State Only Requirements**

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution.
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001(1)-(7) above, if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour,
- (2) Equal to or greater than 60% at any time.

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the permittee requesting this Synthetic Minor restriction]

**SECTION C. Site Level Requirements**

The emissions of sulfur oxides (SO_x), expressed as SO₂, from all sources at this facility shall not equal or exceed 100 tons in any 12 consecutive month period.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The emissions of nitrogen oxides (NO_x), expressed as NO₂, from all sources at this facility, shall not exceed 90 tons in any 12 consecutive month period.

Fuel Restriction(s).**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The fuel oil burned in any source at this facility shall be #2 or lighter virgin fuel oil to which no reclaimed or waste oil or other waste materials have been added.

(b) The sulfur content of #2 fuel oil/diesel fuel shall not, at any time, exceed 0.05% by weight.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall perform tests or provide a fuel certification report for the type and the percent sulfur by weight for each shipment of fuel delivered to this facility,

OR

(a) The permittee shall provide a fuel certification report obtained from the fuel oil supplier once a year stating that fuel delivered to the facility is #2 fuel oil/diesel fuel and the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.05% sulfur by weight.

(b) All testing and fuel certification reports shall be in accordance with the provisions of 25 Pa. Code Chapter 139.

009 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

010 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

(1) A thorough source description, including a description of any air cleaning devices and the flue.

(2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may affect emissions from the process.

**SECTION C. Site Level Requirements**

- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density ((percentage of carbon monoxide (CO), carbon dioxide (CO₂), oxygen (O₂) and nitrogen (N₂)), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions.
- (2) The presence of visible fugitive emissions.
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of tests or fuel certification reports of the percent sulfur by weight for each delivery of the virgin #2 and/or lighter fuel oil delivered to the facility to verify compliance with the 0.05% by weight sulfur content limitation.

OR

(a) The permittee shall keep records of fuel certification reports obtained yearly from the fuel oil supplier containing the name of the supplier and stating that the sulfur percentage for each shipment of virgin #2 and lighter fuel oil delivered to the facility during the year shall not exceed 0.05% sulfur by weight.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**SECTION C. Site Level Requirements****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep a logbook of the facility's weekly inspections. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall keep records of the supporting calculations on a monthly basis to verify compliance with the sulfur oxides (SO_x) emissions limitation for all sources at the facility in any 12 consecutive month period.

(b) The permittee shall keep records of the supporting calculations on a monthly basis to verify compliance with the nitrogen oxides (NO_x) emissions limitation for all sources at the facility in any 12 consecutive month period.

(c) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

016 [25 Pa. Code §135.5]**Recordkeeping**

The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with Sections 135.3 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

V. REPORTING REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request of the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall submit reports to the Department on a semi-annual basis that include the following information:

(1) The supporting calculations used to verify compliance with the sulfur oxides (SO_x) emissions limitation for all sources at the facility in any 12 consecutive month period.

(2) The supporting calculations used to verify compliance with the nitrogen oxides (NO_x) emissions limitation for all sources at the facility in any 12 consecutive month period.

(b) The semi-annual reports shall be submitted to the Department by no later than : September 1, and March 1 for the previous 12 consecutive month period.

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code section 127.442]

(a) The permittee shall report malfunctions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or

**SECTION C. Site Level Requirements**

deviations from the operating permit requirements.

- (c) When the malfunction, excess emissions or deviation from this operating permit requirements poses an imminent danger to the public health, safety, welfare, or environment shall be reported by telephone to the Department and the County Emergency Management Agency within one (1) hour after the incident. The owner or operator shall submit a written report of instances of such incidents to the Department within three (3) business days of the telephone report.
- (d) Except as reported to the Department in accordance with 25 Pa. Code Chapter 139 and the Department's Continuous Source Monitoring Manual, any malfunction or excess emissions that is not subject to the notice requirements of subsection (c) of this operating permit condition shall be reported to the Department within 24 hours of discovery or the next business day. In notifying the Department, the permittee shall describe the following:
- (i) name and location of the facility;
 - (ii) nature and cause of the malfunction or breakdown;
 - (iii) time when the malfunction or breakdown was first observed;
 - (iv) expected duration of excess emissions;
 - (v) estimated rate of emissions; and
 - (vi) corrective actions or preventative measures taken.
- (e) The permittee shall notify the Department within 24 hours, or the next business day, when corrective measures have been accomplished.
- (f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within 15 days of the malfunction, excess emissions or deviation from the operating permit requirements.

020 [25 Pa. Code §135.3]**Reporting**

- (a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year an Annual Air Information Management Systems (AIMS) Emissions report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.
- (b) A person who receives initial notification by the Department that an Annual Air Information Management Systems (AIMS) Emissions report is necessary, shall submit an initial Annual Air Information Management Systems (AIMS) Emissions report within sixty (60) days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.
- (c) The permittee may request an extension of time from the Department for the filing of an Annual Air Information Management Systems (AIMS) Emissions report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 021 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.

**SECTION C. Site Level Requirements**

(2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.

022 [25 Pa. Code §121.7]

Prohibition of air pollution.

No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. Sections 4001-4015)).

023 [25 Pa. Code §123.31]

Limitations

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the permittee requesting this restriction]

The emissions of greenhouse gases (GHGs), expressed as CO₂e, from all sources at this facility shall not equal or exceed 100,000 tons in any 12 consecutive month period.

025 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER 1

Source Capacity/Throughput: 39.700 MMBTU/HR

39,700.000 CF/HR

Natural Gas

283.000 Gal/HR

#2 OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 031 in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]**Combustion units**

No person may permit the emission into the outdoor atmosphere sulfur oxides, expressed as SO₂, from the exhaust of Source ID 031 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 031 shall only be fired on gas (natural gas or LP) or No. 2 fuel oil, only. Usage of No. 2 fuel is limited to the periods of gas curtailment, gas supply interruption, startups, or for periodic testing, maintenance, or operator training on this liquid fuel. Periodic testing, maintenance, or operator training on this liquid fuel shall not exceed a combined total of 48 hours during any calendar year. Additionally, the sulfur content of No. 2 fuel oil used in Source ID 031 shall not exceed 0.05% by weight.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of the amount and type of fuel(s) used in Source ID 031 in each calendar month, monthly.

(b) The permittee shall also maintain records that verify the Source ID 031 boiler is meeting the definition of gas-fired boiler, as defined in 40 CFR section 63.11237, including all periods of time during which the permittee uses No. 2 fuel oil to operate the boiler, the periods of time during which the supply of natural gas is restricted or halted for reasons beyond the control of the facility/permittee, the combined total hours of operation on No. 2 fuel oil in any calendar year for periodic testing, maintenance and operator training, and other documentation as requested by the Department.

**SECTION D. Source Level Requirements**

(c) These records shall be kept for a minimum period of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If a fuel switch is planned that results in the Source ID 031 boiler becoming subject to 40 CFR Part 63 Subpart JJJJJJ, the permittee shall provide notice of the date upon which the fuel switch is to occur to the Department at least 120 days prior to the projected date of the fuel switch, along with other information as requested by the Department to verify the boiler, and the permittee, will follow the applicable requirements pertaining to oil-fired boilers, as codified 40 CFR Part 63 Subpart JJJJJJ.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 031 is a natural gas/#2 fuel oil fired Keeler Co. boiler, model #14539, with a rated heat input of 39.7 MMBTU per hour.

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER 2

Source Capacity/Throughput: 69.400 MMBTU/HR

69,400.000 CF/HR

Natural Gas

495.000 Gal/HR

#2 OIL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

A person may not permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 032 in excess of the rate determined by the following formula:

$$A = 3.6E^{(-0.56)}$$

where

A = Allowable emissions in pounds per million BTUs of heat input,
and

E = Heat input to the combustion unit in millions of BTUs per hour,

when E is equal to or greater than 50 but less than 600.

002 [25 Pa. Code §123.22]**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 032 shall only be fired on gas (natural gas or LP) or No. 2 fuel oil, only. Usage of No. 2 fuel is limited to the periods of gas curtailment, gas supply interruption, startups, or for periodic testing, maintenance, or operator training on this liquid fuel. Periodic testing, maintenance, or operator training on this liquid fuel shall not exceed a combined total of 48 hours during any calendar year. Additionally, the sulfur content of No. 2 fuel oil used in Source ID 032 shall not exceed 0.05% by weight.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain accurate and comprehensive records of the amount and type of fuel(s) used in Source ID 032 in each calendar month, monthly.

(b) The permittee shall also maintain records that verify the Source ID 032 boiler is meeting the definition of gas-fired boiler, as defined in 40 CFR section 63.11237, including all periods of time during which the permittee uses No. 2 fuel oil to operate the boiler, the periods of time during which the supply of natural gas is restricted or halted for reasons beyond the control of the facility/permittee, the combined total hours of operation on No. 2 fuel oil in any calendar year for periodic testing, maintenance and operator training, and other documentation as requested by the Department.

(c) These records shall be kept for a minimum period of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If a fuel switch is planned that results in the Source ID 032 boiler becoming subject to 40 CFR Part 63 Subpart JJJJJJ, the permittee shall provide notice of the date upon which the fuel switch is to occur to the Department at least 120 days prior to the projected date of the fuel switch, along with other information as requested by the Department to verify the boiler, and the permittee, will follow the applicable requirements pertaining to oil-fired boilers, as codified 40 CFR Part 63 Subpart JJJJJJ.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 032 is a natural gas/#2 fuel oil fired Erie City Iron Works boiler, Model #Keystone 97790, with a rated heat input of 69.4 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BOILER 3

Source Capacity/Throughput: 29.300 MMBTU/HR
207.800 Gal/HR #2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 033 in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the exhaust of Source ID 033 in excess of the rate of 4 pounds per million BTU of heat input over any 1-hour period.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 033 shall only be fired on #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content of #2 fuel oil used in Source ID 033 shall not exceed 0.05% by weight.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the amount and type of fuel fired in Source ID 033 on a monthly basis,

(b) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

The permittee shall maintain records pertaining to Source ID 033 in accordance with 40 CFR §63.11225(c)-(d).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

The permittee shall submit notifications and reports pertaining to Source ID 033 as specified in 40 CFR §63.11225(a)-(b).

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]**Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

The submission of all requests, reports, applications, submittals and other communications required by 40 CFR Sections 63.11193 through 63.11237 shall be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

Associate Director
Environmental Protection Agency
Office of Enforcement and Compliance Assistance (3AP20)
1650 Arch Street
Philadelphia, PA 19103**VI. WORK PRACTICE REQUIREMENTS.****# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]****SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my general requirements for complying with this subpart?**

At all times, the permittee must operate and maintain Source ID 033 in a manner consistent with safety and good air pollution control practices for minimizing emissions.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?**

The permittee must conduct a performance tune-up of Source ID 033 according to 40 CFR §63.11223(b) and an energy assessment of the boiler and its energy use systems according to Table 2 of 40 CFR Part 63 Subpart JJJJJJ.

The permittee must also submit a signed certification in the Notification of Compliance Status report that indicates that a tune-up of the boiler occurred and that the energy assessment accurately depicts the facility.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate continuous compliance with the work practice and management practice standards?**

The permittee shall conduct tune-ups of Source ID 033 biennially to demonstrate continuous compliance. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

VII. ADDITIONAL REQUIREMENTS.**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID 033 is a #2 fuel oil fired Cleaver Brooks boiler, model #CB-439-700, with a rated heat input of 29.3 MMBtu/hr.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]**SUBPART JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

**SECTION D. Source Level Requirements**

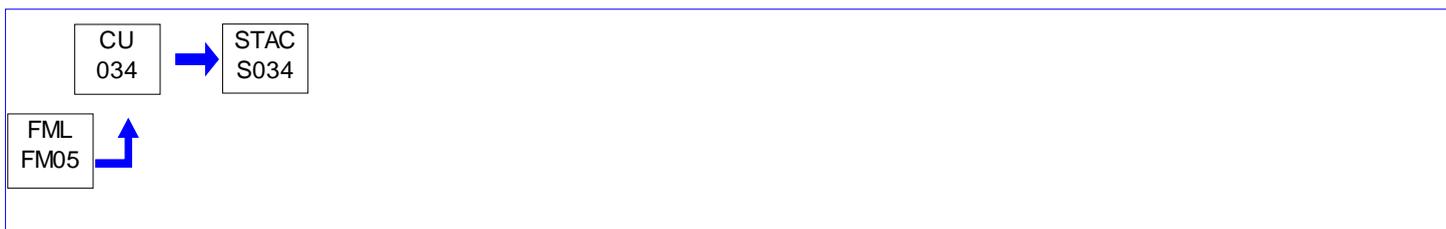
Source ID 033 is subject to Subpart JJJJJ of the federal National Emission Standards for Hazardous Air Pollutants, 40 CFR Sections 63.11193-63.11237. The permittee shall comply with all applicable requirements specified in 40 CFR Sections 63.11193-63.11237.

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: GARAGE FURNACE

Source Capacity/Throughput: 0.235 MMBTU/HR

**I. RESTRICTIONS.****Fuel Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only use waste oil in Source ID 034 that is generated on site from the facilities vehicles and facility operations.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

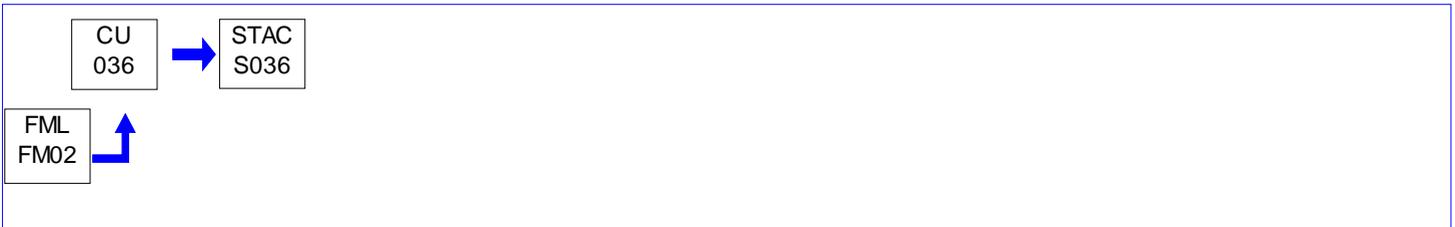
Source ID 034 is a virgin #2 fuel oil/waste oil garage furnace, Reznor Model RA-235 with rated heat input of 0.235 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: NATURAL GAS FIRED HEATERS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Fuel Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use natural gas as fuel for all space heaters of Source ID 036.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 036 is ten (10) natural gas-fired space heaters which consist of the following:

(a) Three (3) Re-Verber-Ray Model DT HS-40-125 N-3, each with a rated input of 0.125 MMBtu/hr

(b) Seven (7) Re-Verber-Ray Model DR60 NSP, each with a rated heat input of 0.060 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 037

Source Name: PROPANE FIRED HEATERS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Fuel Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use propane as fuel for each space heater of Source ID 037.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 037 is six (6) propane fired space heaters which consist of the following:

- (a) One (1) Inter Therm Model NGHO65AA with a rated heat input of 0.065 MMBtu/hr
- (b) One (1) Dayton Model 3ZE59A with a rated heat input of 0.375 MMBtu/hr
- (c) One (1) Empire Comfort Model RH-25-6 with a rated heat input of 0.025 MMBtu/hr
- (d) One (1) L.B. White Model 377G with a rated heat input of 0.115 MMBtu/hr

**SECTION D. Source Level Requirements**

- (e) One (1) Sterling Model QVF-45 with a rated heat input of 0.045 MMBtu/hr
- (f) One (1) Sterling Model QVF-125 with a rated heat input of 0.125 MMBtu/hr

**SECTION D. Source Level Requirements**

Source ID: C-201

Source Name: BIOGAS ENGINE

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 60.4245]

The permittee shall keep records of the all information specified in 40 CFR Section 60.4245(a)(1) through (4).

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from the provisions of 40 CFR Section 60.4243(b)(2)(i)]

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.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 60.4243(b)(2)(i)]

The permittee shall maintain and operate Source ID C-201 in a manner consistent with good air pollution control practice for minimizing emissions.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Section 60.4230]

Source ID C-201 is subject to the Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40 CFR Part 60 Subpart JJJJ). The permittee shall comply with all applicable requirements of 40 CFR Sections 60.4230 through 60.4248.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID C-201 is the MAN Model E2848 LE 322, 4-stroke, lean burn, reciprocating internal combustion engine rated for 355 hp at 100% load and used for electricity generation. The engine-generator set is rated for 250 kW.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code section 127.11a(a)]

A source which has been out of operation or production for at least 1 year but less than or equal to 5 years may be reactivated and will not be considered a new source if the following conditions are satisfied:

- (1) The permittee shall, within 1 year of the deactivation of C-201/C201, submit to the Department and implement a maintenance plan which includes the measures to be taken, including maintenance, upkeep, repair or rehabilitation procedures, which will enable the source to be reactivated in accordance with the terms of the permit issued to the source.
- (2) The permittee shall submit a reactivation plan to the Department for approval at least 60 days prior to the proposed date of reactivation. The reactivation plan shall include sufficient measures to ensure that the source will be reactivated in compliance with the permit requirements. The permittee may submit a reactivation plan to the Department at any time during the term of its operating permit. The reactivation plan may also be submitted to and reviewed by the Department as part of the plan approval or permit application or renewal process.
- (3) The permittee shall submit a notice to the Department within 1 year of deactivation requesting preservation of emissions in the inventory and indicating the intent to reactivate the source.
- (4) The permittee shall comply with the terms and conditions of the maintenance plan while the source is deactivated, and shall comply with the terms of the reactivation plan and operating permit upon reactivation.
- (5) The permittee with an approved reactivation plan and operating permit shall notify the Department in writing at least 30 days prior to reactivation of the source.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: EMERGENCY GENERATOR

Source Capacity/Throughput:

3.750 Gal/HR

Diesel Fuel

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID P101 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from the exhaust of Source ID P101 in a manner that the concentration of sulfur oxides, expressed as SO₂, in the effluent gas volume exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The total emissions of nitrogen oxides (NO_x), expressed as NO₂, from Source ID P101, shall not exceed 2.45 tons in any 12 consecutive month period.

Fuel Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P101 shall only be fired on diesel or #2 fuel oil to which no reclaimed or waste oil or other waste materials have been added. Additionally, the sulfur content of the diesel/#2 fuel oil used in Source ID P101 shall not exceed 0.5% by weight.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6604]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What fuel requirements must I meet if I own or operate an existing stationary CI RICE?**

Beginning January 1, 2015, if Source ID P101 operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in §63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in §63.6640(f)(4)(ii), you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

Operation Hours Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P101 shall not be operated more than 500 hours in any 12 consecutive month period.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

**SECTION D. Source Level Requirements**

The hours of operation of Source ID P101 shall also comply with the requirements specified in 40 CFR 63.6640(f).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What are my monitoring, installation, operation, and maintenance requirements?**

Source ID P101 shall be equipped with a non-resettable hour meter.

IV. RECORDKEEPING REQUIREMENTS.

**# 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

(a) The permittee shall keep records of the following information for Source ID P101:

(1) The number of hours Source ID P101 operated each month and shall verify compliance with the hours of operation limitation in any 12 consecutive monthly period.

(2) the supporting calculations of nitrogen oxides (NO_x) on a monthly basis that verifies compliance with the NO_x emission limitation in any 12 consecutive month period.

(b) These records shall be kept for a minimum of five (5) years and shall be made available to the Department upon request.

**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What records must I keep?**

The permittee shall keep records pertaining to Source ID P101 as specified in 40 CFR 63.6655 and 40 CFR 63.6660.

V. REPORTING REQUIREMENTS.

**# 011 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

(a) The permittee shall submit an annual report to the Department which includes the following information for Source ID P101:

(1) The hours of operation on a monthly basis and the supporting calculations used to verify compliance with the operational hour limitation in any 12 consecutive monthly period.

(2) The emission of nitrogen oxides, NO_x expressed as NO₂, on a monthly basis and the supporting calculations used to verify compliance with the NO_x emission limitation in any 12 consecutive month period.

(b) The report shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year).

**# 012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]
Subpart A--General Provisions
Addresses of State air pollution control agencies and EPA Regional Offices.**

**SECTION D. Source Level Requirements**

The submission of all requests, reports, applications, submittals and other communications required by the National Emission Standards for Hazardous Air Pollutants (40 CFR Part 63) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The EPA copies may be sent to:

Associate Director
Environmental Protection Agency
Office of Enforcement and Compliance Assistance (3AP20)
1650 Arch Street
Philadelphia, PA 19103

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6650]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What reports must I submit and when?

The permittee shall submit reports pertaining to Source ID P101 as specified in 40 CFR 63.6650.

VI. WORK PRACTICE REQUIREMENTS.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What are my general requirements for complying with this subpart?

At all times you must operate and maintain Source ID P101, including associated monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What are my monitoring, installation, operation, and maintenance requirements?

The permittee shall operate and maintain Source ID P101 according to the manufacturer's emission-related written instructions or develop its own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

The permittee shall perform the following maintenance for Source ID P101:

- a) Change the oil and filter every 500 hours of operation or annually, whichever comes first, unless the optional oil analysis detailed in 40 CFR §63.6625(i) indicates the oil does not need to be changed.
- b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.
- c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

VII. ADDITIONAL REQUIREMENTS.

017 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Source ID P101 is a diesel fuel fired Delco Electric Generator powered by a Detroit Diesel motor model #7085-7000, 318 hp, with a rated power output of 155 kW.

018 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

**SECTION D. Source Level Requirements****Am I subject to this subpart?**

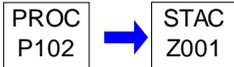
Source ID P101 is subject to Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants, 40 CFR §§63.6580 through 63.6675. The permittee shall comply with all applicable requirements of 40 CFR §§63.6580 through 63.6675.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: PARTS WASHERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The permittee shall keep onsite up-to-date Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that accurately identify the volatile organic compound (VOC) and hazardous air pollutant (HAP) content of all solvents used in each solvent cleaning station of Source ID P102.

002 [25 Pa. Code §129.63]**Degreasing operations**

(a) The permittee shall keep records on the following information for each solvent degreasing station of Source ID P102:

- (1) The name and address of the solvent supplier,
- (2) The type of solvent including the product or vendor identification number,
- (3) The vapor pressure of the solvent measured in mm of Hg at 68 degrees F.

(b) These records shall be kept for a minimum of five (5) years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §129.63]****Degreasing operations**

Each solvent cleaning station of Source ID P102 shall have the following:

- (1) A permanent conspicuous label summarizing these operating requirements:

**SECTION D. Source Level Requirements**

- (a) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
- (b) Flushing of Parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cold cleaning machine.
- (d) Air agitated solvent baths may not be used.
- (e) Spills during solvent transfer and use of cold cleaning machine shall be cleaned up immediately.
- (2) In addition, the label shall include the following discretionary good operating practices:
- (a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining.
- (b) During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.
- (c) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

004 [25 Pa. Code §129.63]**Degreasing operations**

Each solvent cleaning station of Source ID P102 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6" shall constitute an acceptable cover.

VII. ADDITIONAL REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63(a)]

The vapor pressure of VOC containing solvent used in each solvent cleaning station of Source ID P102 shall be less than 1.0 millimeter of mercury (mm Hg) measured at 20 degrees Celsius (68 degrees Fahrenheit).

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Source ID P102 consists of six (6) solvent-based degreasing, parts-washing stations which are as follows:

- (a) One (1) Parts Washer, Safety Kleen, Model #16, Remote reservoir 9 gallon capacity
- (b) One (1) Parts Washer, Mansur/System One, Model #500, remote reservoir, 35 gallon capacity
- (c) Four (4) Parts Washer, Crystal Kleen, Model #K54097, remote reservoir, 30 gallon capacity

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

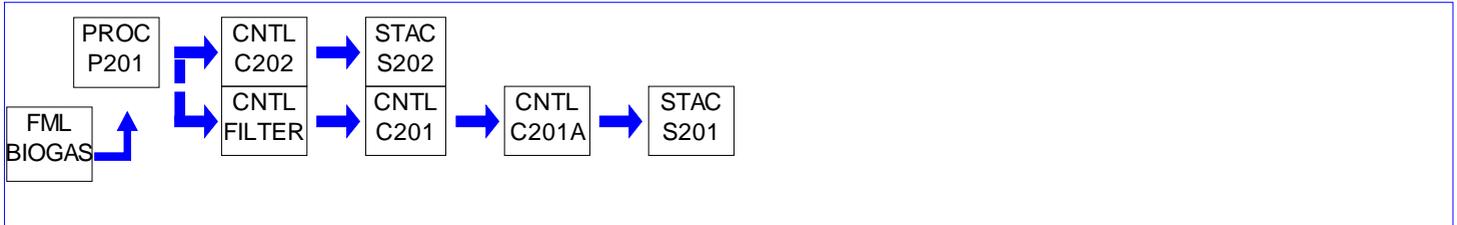
Each solvent cleaning station of Source ID P102 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

**SECTION D. Source Level Requirements**

Source ID: P201

Source Name: ANAEROBIC DIGESTER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The carbon filters (ID FILTER) shall control the amount of hydrogen sulfide from Source ID P201 such that the concentration at the inlet to the engine (ID C201) is equal to or less than 25 ppm or the result of 99% removal of the concentration at the biogas dryer (whichever is greater).

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Compliance with this streamlined permit condition assures compliance with the provisions specified in 25 Pa. Code Sections 123.13 and 123.21]

Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the emission of air contaminant pollutants in the exhaust of ID C201 vented through S201 shall not exceed the following limitations:

NO_x - 1.00 g/Bhp-hr and 3.4 tons in any 12 consecutive month period
 CO - 0.50 g/Bhp-hr and 1.7 tons in any 12 consecutive month period
 VOC (as NMHC) - 0.10 g/Bhp-hr and 0.4 ton in any 12 consecutive month period
 SO₂ - 0.02 lb/hr and 0.1 ton in any 12 consecutive month period
 PM₁₀/PM_{2.5} - 0.15 g/Bhp-hr and 0.5 ton in any 12 consecutive month period
 H₂CO - 0.017 g/Bhp-hr and 0.06 ton in any 12 consecutive month period

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12,

(a) When ID C202 is in operation, it shall have a minimum operating temperature of 1500 degrees, a retention time of 0.3 seconds, and a nonmethane hydrocarbon destruction efficiency (DRE) of 98%.

(b) The emissions of air contaminant pollutants in the exhaust of ID C202 vented through S202 shall not exceed the following limitations:

NO_x - 0.06 lb/MMBtu and 3 tons in any 12 consecutive month period
 CO - 0.30 lb/MMBtu and 15 tons in any 12 consecutive month period
 SO₂ - 8 lb/hr and 35 tons in any 12 consecutive month period

(c) The permittee may operate the flare associated with ID C202 at a temperature lower than 1500 degrees F provided that the enclosed flare demonstrates compliance with the 98% NMOC destruction efficiency and all requirements specified in this operating permit. However, under no circumstances shall the enclosed flare be operated at a temperature lower than 1400 degrees F. Stack tests approved by the Department shall be conducted to demonstrate compliance with the 98% NMOC destruction efficiency.

(d) The minimum flare temperature requirement applies at all times the flare is operating, except for during startup, which is defined as the first 90 seconds of operation following the initiation of biogas combustion in the flare. During startup, the permittee shall instead comply with good air pollution control practices for the minimization of emissions from the flare.

**SECTION D. Source Level Requirements****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.13]

The concentration of particulate matter in the exhaust of ID C202 vented through S202 shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, there shall be no visible air contaminant emissions from the flare stack S202 associated with ID C202 other than steam or water vapor.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.21]

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the exhaust from ID C202 vented through S202 shall not exceed 500 parts per million, by volume, dry basis.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 123.31]

The permittee shall comply with the provision of 25 Pa. Code Section 123.31 which limits the emission of malodors from Source ID P201 to level undetectable outside the property on which Source ID P201 is operated.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

On an approximate triennial basis (no sooner than 34 months or no later than 38 months from the date of the previous test date), the permittee shall perform testing on the engines exhaust from S201 to monitor the NO_x and CO emissions rate over the life of the engine and monitor the performance of the oxidation catalyst associated with ID C201A.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

No later than March 11, 2019, the permittee shall perform emissions stack test for nitrogen oxides, carbon monoxide, volatile organic compounds (expressed as NMHC), and formaldehyde emissions on the engines exhaust to verify the emissions limitations specified herein. The testing shall be performed in accordance with the requirements of 25 Pa. Code Chapter 139 and while the engine associated with ID C201 is operating at maximum routine operating conditions.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the concentration of hydrogen sulfide (H₂S) by Draeger test device (or equivalent as determined by the Department) while the digester is operating at least three times per week to verify the performance of the carbon filters (ID FILTER).

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall observe the condensate drain on each of the vessels associated with (ID FILTER) while the vessels are operating at least once per day to verify that no excess moisture in the device has occurred.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install, calibrate, and maintain non-resettable instrumentation to continuously monitor the operational hours of the engine associated with ID C201.

**SECTION D. Source Level Requirements****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall install, calibrate, and maintain instrumentation to continuously monitor the amount of biogas being burned by the engine associated with ID C201.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install, calibrate, and maintain instrumentation to continuously monitor the exhaust temperature of the engines exhaust at the inlet of ID C201A (EGT).

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install, calibrate, and maintain instrumentation to continuously monitor the amount of biogas being burned in the enclosed flare associated with ID C202.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install, calibrate, and maintain instrumentation to continuously monitor the combustion temperature of the enclosed flare associated with ID C202.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall install and maintain the bypass line valve in the closed position with a car-seal or a lock-and-key type configuration (or equivalent), and monitor the seal or closure mechanism at least once every month to ensure that the valve is maintained in the closed position and that the gas flow is not diverted through the bypass line.

IV. RECORDKEEPING REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(1) The permittee shall take comprehensive and accurate records of the following information.

(a) The daily hours of engine operation and daily amount of biogas combusted in the engine.

(b) Daily averages of the exhaust gas temperature (EGT) at the inlet to the catalyst (ID C201A).

(c) The daily hours of operation of the enclosed flare and daily amount of biogas combusted in the flare (ID C202).

(d) Daily averages of the combustion temperature of the enclosed flare associated with ID C202.

(e) The monthly percentage of enclosed flare (ID C202) hours of operation occurring during the 90-second flare startup period.

(f) The monthly inspection of the closure mechanism, the name of the individual conducting the inspection, the date of the inspection, status of closure mechanism, and description of any action taken as result of the monthly inspection.

(g) Copy of all reports for stack testing on the ammonia stripper associated with Source ID P201.

(h) Monthly NO_x, CO, PM, VOC, PM, formaldehyde and SO_x emissions from IDs C201 and C202 (including supporting documentation and calculations) and the corresponding 12 consecutive month totals for each month to verify compliance with the applicable emission limitations.

(i) Results of the H₂S concentration measurements at the inlet to the engine (ID C201). The records shall also date and time of measurement, name of individual conducting the H₂S measurement and any other pertinent comments. Additionally, the date of initial packing installation and dates of replacement of packing shall kept on-file.

**SECTION D. Source Level Requirements**

(j) Results of the observation for excess moisture at the condensate drains for each vessel associated with ID FILTER. The records shall also date and time of observation, name of individual conducting observation and any other pertinent comments.

(2) All information generated to comply with this recordkeeping condition shall be kept for a period of at least five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

**# 019 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall submit an annual report by March 1 that contains the monthly and 12-consecutive month totals of air contaminant emissions from IDs C201 and C202 for each month in the reporting period (January 1 through December 31 of the preceding year).

VI. WORK PRACTICE REQUIREMENTS.

**# 020 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the permittee shall be equip, operate, and maintain the enclosed flare (ID C202) with an automatic pilot ignition source. Additionally, if ID C202 flames out and fails to automatically reignite, the gas flow to that flare shall automatically cease.

**# 021 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the permittee shall equip, operate, and maintain the enclosed flare (ID C202) with an ignition system that utilizes biogas or propane as a separate fuel source which ensures complete and immediate combustion of the biogas. In addition, ID C202 shall be equipped with an automatic cutoff switch which shuts down the flame in the event that enough biogas is not present or the main flame becomes extinguished.

**# 022 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall maintain and operate Source ID P201 in a manner consistent with good air pollution control practice for minimizing emissions.

**# 023 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall calibrate all instrumentation for monitoring required herein in accordance with manufacturer's suggested specification and frequency of calibration.

**# 024 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall perform tune-ups on IDs C201 and C202 in accordance with the manufacturer's suggested specifications and frequency of tune-ups and keep accurate and comprehensive records of the tune-ups and description of type of work performed on each source during the tune-up procedure.

**# 025 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The enclosed flare (ID C202) shall be equipped with a supplemental fuel system that adds propane to the biogas, as necessary, in order to achieve the minimum temperature threshold to ensure the biogas is completely combusted.

VII. ADDITIONAL REQUIREMENTS.

**# 026 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

**SECTION D. Source Level Requirements**

(a) Source ID P201 is the anaerobic digestion system which includes the biogas system (including ancillary blowers, biogas dryer, valves, monitoring instrumentation, etc.).

(b) Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the hydrogen sulfide (H₂S) in the biogas generated from Source ID P201 shall be controlled by a 2G Bio-Energietechnik AG carbon filters (ID FILTER) (or equivalent as determined by the Department).

(c) Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the biogas generated by Source ID P201 shall be destroyed by the MAN Model E2848 LE 322, biogas-fired, reciprocating internal combustion engine (ID C201) utilized for electricity generation at the wastewater treatment plant. The engine shall be turbo-charged, fuel-injected, and rated at maximum 355 bhp. Additionally, the CO, VOC, and formaldehyde emissions from the engine associated with ID C201 shall be controlled by an oxidation catalyst (ID C201A).

(d) Pursuant to the best available technology requirements of 25 Pa. Code Section 127.1 and 127.12, the biogas generated by Source ID P201 shall be destroyed by the 300 scfm, ABUTec Model Medium Temperature Flare (MTF) 4.2 (ID C202). The flare shall have a maximum heat input equal to 14.4 MMBtu/hr. The flare shall be enclosed and equipped with a combustion chamber of at least 0.7 ft in length.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



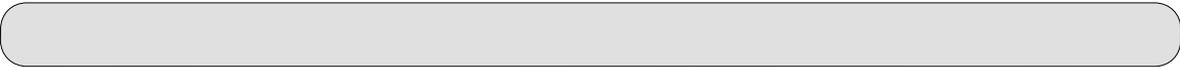
SECTION F. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION G. Miscellaneous.**

The following air contaminant sources are considered to be insignificant emission sources and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulations and all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

1. Furman Foods, Inc. Wood Burner, 31.4 tons per year fuel usage (oak hardwood).
2. Fifteen (15) Ink Jet Printers
3. Wastewater Treatment Plant
4. Highland Underground Storage Tank, #2 fuel oil, 10,000 gallon, (UST-1)
5. Highland Underground Storage Tank, gasoline, 12,000 gallon, (UST-2)
6. Highland Underground Storage Tank, diesel fuel, 12,000 gallon, (UST-3)



***** End of Report *****
