



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: August 31, 2020

Effective Date: August 31, 2020

Expiration Date: August 30, 2025

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: 46-00021

Synthetic Minor

Federal Tax Id - Plant Code: 26-1813639-1

Owner Information

Name: FIRST QUALITY RETAIL SVC LLC
Mailing Address: 601 ALLENDALE RD
KING OF PRUSSIA, PA 19406-1417

Plant Information

Plant: FIRST QUALITY RETAIL SVC LLC/KING OF PRUSSIA
Location: 46 Montgomery County 46955 Upper Merion Township
SIC Code: 2676 Manufacturing - Sanitary Paper Products

Responsible Official

Name: JEFF B WILLIAMS
Title: OPERATIONS MGR
Phone: (610) 878 - 3397

Permit Contact Person

Name: RON ROTHENBERGER
Title: ENG MGR
Phone: (610) 878 - 3835

[Signature] \_\_\_\_\_
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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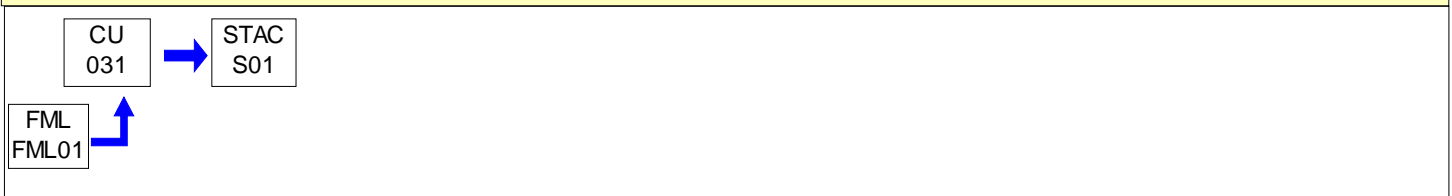
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	SUPERIOR BOILER 1	26.460 MMBTU/HR	
		25.200 MCF/HR	Natural Gas
032	SUPERIOR BOILER 2	26.460 MMBTU/HR	
		25.200 MCF/HR	Natural Gas
033	SUPERIOR BOILER 3	9.040 MMBTU/HR	
		8.610 MCF/HR	Natural Gas
102	LIGHTING & ALARM SYSTEMS EMERGENCY GENERATOR SET	4.600 Gal/HR	Diesel Fuel
104	TELEPHONE & COMPUTER SYSTEMS EMERGENCY GENERATOR SET	9.800 Gal/HR	Diesel Fuel
201D	FEMININE SANITARY PRODUCTS EQUIPMENT	11,089.000 Lbs/HR	ABSORBENT FLUFF MAT <sup>1</sup>
202D	ADULT INCONTINENCE PRODUCTS EQUIPMENT	11,836.000 Lbs/HR	ABSORBENT FLUFF MAT <sup>1</sup>
204B	SCRAP CULL RECYCLING CENTER (SCRC) EQUIPMENT	1,370.000 Lbs/HR	ABSORBENT FLUFF MAT <sup>1</sup>
C01D	FEMININE SANI PROD EQUIP FINAL, SAFETY, & HEPA FILTER SYS		
C02D	ADULT INCONT PRODUCTS EQUIP FINAL, SAFETY, & HEPA FILTER SYS		
C04B	SCRC EQUIPMENT ROTARY DRUM, FINAL, SAFETY, & HEPA FILTER SYS		
FML01	NATURAL GAS PIPELINE		
FML03	LIGHTING & ALARM SYSTEMS EMERGENCY GEN SET DIESEL FUEL TANK		
FML05	TELEPHONE & COMPUTER SYS EMERGENCY GEN SET DIESEL FUEL TANK		
S01	SUPERIOR BOILER 1 STACK		
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S03	SUPERIOR BOILER 3 STACK		
S05	LIGHTING & ALARM SYSTEMS EMERGENCY GENERATOR SET STACK		
S07	TELEPHONE & COMPUTER SYSTEMS EMERGENCY GENERATOR SET STACK		
S10C	FEM SANI PROD EQUIP FINAL, SAFETY, & HEPA FILTER SYS STKS		
S11C	ADULT INCONT PROD EQUIP FINAL, SAFETY, & HEPA FILT SYS STKS		
S12A	SCRC EQUIP ROTARY DRUM, FINAL, SAFETY, & HEPA FILT SYS STKS		

**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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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:

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- (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 B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active 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. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

**#024 [25 Pa. Code §135.4]****Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not cause or permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. § 4003).

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall ensure that emission into the outdoor atmosphere of fugitive air contaminants does not occur from any source, except for the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14 (see Condition # 007(a)–(g), Section C, of this permit).
- (g) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (h) Coke oven batteries, provided that the fugitive air contaminant emissions from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15.
- (i) Sources and classes of sources other than those indicated in (a)–(h), above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive air contaminant emissions from the sources, after appropriate controls, meet the following requirements:
  - (1) The emissions are of minor significance with respect to causing air pollution.
  - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

The permittee shall ensure that emission into the outdoor atmosphere of fugitive particulate matter (PM) from a source(s) specified in 25 Pa. Code § 123.1 (see Condition # 002(a)–(i), Section C, of this permit) occurs in such a manner that the emission is not visible at the point it passes outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

The permittee shall ensure that emission into the outdoor atmosphere of any malodorous air contaminants from any source occurs in such a manner that the malodors are not detectable outside the property of the person on whose land the source is being operated.

**# 005 [25 Pa. Code §123.41]****Limitations**

The permittee shall ensure that emission into the outdoor atmosphere of visible air contaminants from this facility occurs in such a manner that the opacity of the emission is neither of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any 1 hour.
- (b) Equal to or greater than 60% at any time.

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

The emission restrictions specified in 25 Pa. Code § 123.41 (see Condition # 005(a)–(b), Section C, of this permit) shall not apply to a visible air contaminant emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the restrictions.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from a source(s) specified in 25 Pa. Code § 123.1 (see Condition # 002(a)–(i), Section C, of this permit).

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

The permittee shall ensure that emission into the outdoor atmosphere of nitrogen oxides (NO<sub>x</sub>) from this facility occurs in such a manner that the rate of the emission is less than 25 tons/yr, calculated monthly as a 12-month rolling sum.

**# 008 [25 Pa. Code §129.14]****Open burning operations**

The permittee shall not perform any open burning activities, except for the following:

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

- (a) If, at any time, the Department has cause to believe that air contaminant emissions from any source(s) listed in Sections A or H, of this permit, may be in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III, the permittee shall be required to perform whatever test(s) is deemed necessary by the Department to determine the actual emission rate(s).
- (b) The permittee shall perform any test(s) required in (a), above, in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**SECTION C. Site Level Requirements****III. MONITORING REQUIREMENTS.****# 010 [25 Pa. Code §123.43]****Measuring techniques**

The permittee may measure visible air contaminant emissions using either of the following:

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

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

(a) The permittee shall monitor this facility, at least once per operating day, for the following:

- (1) Odors, which may be objectionable (as per 25 Pa. Code § 123.31; see Condition # 004, Section C, of this permit).
- (2) Visible air contaminant emissions (as per 25 Pa. Code §§ 123.41 and 123.42; see Conditions # 005–006, Section C, of this permit, respectively).
- (3) Fugitive air contaminant emissions (as per 25 Pa. Code §§ 123.1 and 123.2; see Conditions # 002–003, Section C, of this permit, respectively).

(b) Objectionable odors, visible air contaminant emissions, and/or fugitive air contaminant emissions that are caused or may be caused by operations at the facility shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) Have appropriate corrective action taken (for emissions that originate on-site).
- (4) Be recorded in a permanent written log.

(c) At the end of 6 months, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to weekly for the next 6-month period.

(d) At the end of the second 6-month period, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to, the review of complaints, monitoring results, and/or Department findings.

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

The permittee shall calculate the NO<sub>x</sub> emissions from this facility on a monthly and 12-month rolling basis, using a Department-approved method(s).

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.10(b)(1) and 63.6660(a)–(c), and 25 Pa. Code § 127.35(b).]

The permittee shall maintain all records, reports, and analysis results generated in compliance with the requirements of any section of this permit in accordance with Condition # 020(b), Section B, of this permit, and shall make them available to the Department upon written or verbal request within a reasonable time.



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

(a) The permittee shall maintain records of all monitoring of odors, visible air contaminant emissions, and fugitive air contaminant emissions for this facility, including deviations from the conditions found in Conditions # 002–005, Section C, of this permit. All records of deviations shall include, at a minimum, the following for each incident:

- (1) A description of the deviation.
- (2) The source(s) and/or associated air pollution control device(s) and location(s).
- (3) The duration (including the starting and ending date(s) and times).
- (4) The cause(s).
- (5) The corrective action(s) taken, if necessary to abate the situation and prevent future occurrences.

(b) The permittee shall maintain records of the monitoring in a Department-approved format and time frame.

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

The permittee shall maintain records of all of this facility's emission increases, including the following types, in accordance with 25 Pa. Code § 127.449:

- (a) De minimis emission increases without notification to the Department.
- (b) De minimis emission increases with notification to the Department, via letter.
- (c) Emission increases resulting from a Request for Determination of Changes of Minor Significance and Exemption from Plan Approval/Operating Permit (RFD) to the Department.
- (d) Emission increases resulting from the issuance of a plan approval and subsequent operating permit.

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

The permittee shall maintain records of the NO<sub>x</sub> emissions from this facility on a monthly and 12-month rolling basis, calculated using a Department-approved method(s).

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

[Additional authority for this permit condition is derived from 40 C.F.R. § 63.6655(a)(2) and (5), and 25 Pa. Code § 127.35(b).]

(a) The permittee shall report malfunctions, emergencies, or incidents of excess emissions 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility, which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly-designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency, or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within 1 hour after the discovery of the malfunction, emergency, or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies, or incidents of excess emissions to the Department within 3 business days of the telephone report.

**SECTION C. Site Level Requirements**

(c) The report shall describe the following:

- (1) The name, permit or authorization number, and location of the facility.
- (2) The nature and cause of the malfunction, emergency, or incident.
- (3) The date and time when the malfunction, emergency, or incident was first observed.
- (4) The expected duration of the malfunction or incident of excess emissions.
- (5) The estimated rate of emissions.
- (6) The corrective actions or preventative measures taken to minimize emissions, in accordance with Condition # 020, Section C, of this permit, including any corrective action(s) taken to restore malfunctioning equipment to its normal or usual manner of operation.

(d) Any malfunction, emergency, or incident of excess emissions that is not subject to the notice requirements specified in (b), above, shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within 5 business days of discovery. The report shall contain the information listed in (c)(1)–(6), above, and any permit-specific malfunction reporting requirements.

(e) During an emergency, an owner or operator may continue to operate the source at their discretion, provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements, in accordance with (b)–(d), above, as applicable, including any permit-specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies, or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulting from a malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

**# 018 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 C.F.R. Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with all applicable provisions of the Clean Air Act, 40 C.F.R. Part 68 (relating to chemical accident prevention provisions), and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) that meets all applicable provisions of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at this facility. The permittee shall submit the RMP to the United States Environmental Protection Agency (U.S. EPA) according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the U.S. EPA no later than the latest of the following:

- (i) Three (3) years after the date on which a regulated substance is first listed in 40 C.F.R. § 68.130.
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the U.S. EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 C.F.R. § 68.190.

**SECTION C. Site Level Requirements**

(3) The permittee shall certify that the RMP is accurate and complete in accordance with all applicable provisions of 40 C.F.R. Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 C.F.R. § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances, or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If this facility is subject to any provisions of 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following:

(1) Submit a compliance schedule for satisfying all applicable provisions of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).

(2) Certify that the facility is in compliance with all applicable provisions of 40 C.F.R. Part 68 including the registration and submission of the RMP.

(e) If the facility is subject to any provisions of 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 C.F.R. § 68.200.

(f) When the facility is subject to the accidental release program provisions of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

**VI. WORK PRACTICE REQUIREMENTS.****# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent PM from a source(s) specified in 25 Pa. Code § 123.1 (see Condition # 002(a)–(i), Section C, of this permit) from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

(c) Paving and maintenance of roadways.

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

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.6(e)(1)(i)–(ii) and 63.6605(b); and 25 Pa. Code §§ 127.35(b), 127.443(b), and 127.444.]

The permittee shall ensure that the source(s) and associated air pollution control device(s) listed in Sections A and H, of this permit, are operated and maintained in a manner consistent with good safety, operating and maintenance, and air pollution control practices, as applicable, and in accordance with the manufacturers' specifications.

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

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air pollution control device(s), if necessary, to reduce the air contaminant emissions to within applicable



## SECTION C. Site Level Requirements

restrictions, if at any time the operation of a source(s) listed in Sections A or H, of this permit, is causing the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.

### # 022 [25 Pa. Code §127.441]

#### **Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee may not modify any air contaminant system identified in Sections A or H, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition # 013(g), Section B, of this permit.

#### **VII. ADDITIONAL REQUIREMENTS.**

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

#### **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.

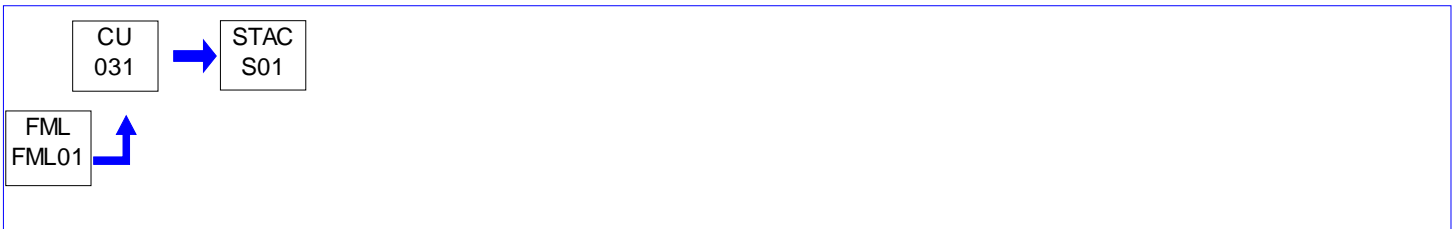
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: SUPERIOR BOILER 1

Source Capacity/Throughput: 26.460 MMBTU/HR

25.200 MCF/HR Natural Gas

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.11(a)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this boiler occurs in such a manner that the rate of the emission does not exceed 0.4 lb/mmBtu heat input.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.22(e)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of sulfur oxides (SO<sub>x</sub>), expressed as sulfur dioxide (SO<sub>2</sub>), from this boiler occurs in such a manner that the rate of the emission does not exceed 1.0 lb/mmBtu heat input.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that natural gas is the only fuel consumed by this boiler. The application of any other fuels shall be approved by the Department prior to their application.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that the total operating time of this boiler does not exceed 4,380 hours per year, calculated monthly as a 12-month rolling sum.

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

The permittee shall monitor the following operating parameters for this boiler:

**SECTION D. Source Level Requirements**

- (a) The hours of operation, on an operating day and monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following operating parameters for this boiler:

- (a) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (b) The amount of natural gas consumed on a monthly basis, calculated using a Department-approved method.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of all adjustments and tuneups performed on this boiler. These records shall contain, at a minimum, the following for each adjustment/tuneup:

- (a) The date of the tuning procedure.
- (b) The name of the service company and technicians.
- (c) The final operating rate or load.
- (d) The final NOx and carbon monoxide (CO) emission rates.
- (e) The final excess oxygen rate.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall perform an adjustment or tuneup on this boiler on an annual basis, in accordance with Condition # 007, Section D (under Source ID 031), of this permit. The adjustment/tuneup shall include, but not be limited to, the following:

- (a) Inspection, adjustment, cleaning, or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation, in accordance with the manufacturer's specifications.
- (b) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NOx and, to the extent practicable, CO.
- (c) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation, in accordance with the manufacturer's specifications.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a natural gas-fired boiler, model no. AB-600, manufactured by Superior Boiler Works, Inc. The boiler is rated at 26.46 mmBtu/hr heat input.

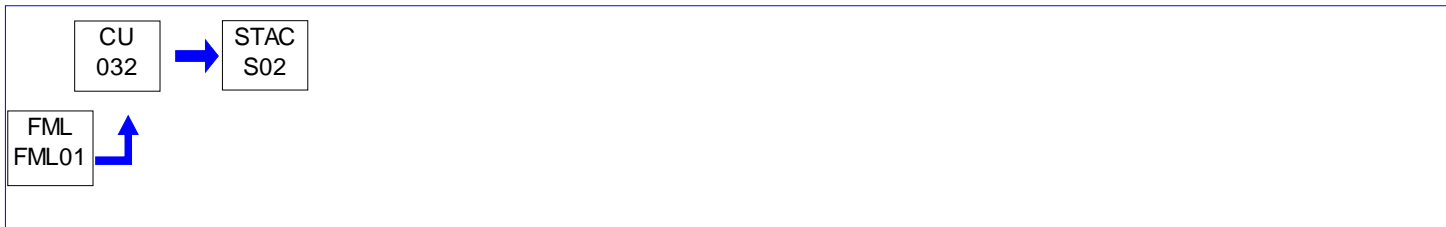
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: SUPERIOR BOILER 2

Source Capacity/Throughput: 26.460 MMBTU/HR

25.200 MCF/HR Natural Gas

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.11(a)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this boiler occurs in such a manner that the rate of the emission does not exceed 0.4 lb/mmBtu heat input.

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.22(e)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of SO<sub>x</sub>, expressed as SO<sub>2</sub>, from this boiler occurs in such a manner that the rate of the emission does not exceed 1.0 lb/mmBtu heat input.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that natural gas is the only fuel consumed by this boiler. The application of any other fuels shall be approved by the Department prior to their application.

**Operation Hours Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that the total operating time of this boiler does not exceed 4,380 hours per year, calculated monthly as a 12-month rolling sum.

**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.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the following operating parameters for this boiler:



**SECTION D. Source Level Requirements**

- (a) The hours of operation, on an operating day and monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following operating parameters for this boiler:

- (a) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (b) The amount of natural gas consumed on a monthly basis, calculated using a Department-approved method.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of all adjustments and tuneups performed on this boiler. These records shall contain, at a minimum, the following for each adjustment/tuneup:

- (a) The date of the tuning procedure.
- (b) The name of the service company and technicians.
- (c) The final operating rate or load.
- (d) The final NOx and CO emission rates.
- (e) The final excess oxygen rate.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall perform an adjustment or tuneup on this boiler on an annual basis, in accordance with Condition # 007, Section D (under Source ID 032), of this permit. The adjustment/tuneup shall include, but not be limited to, the following:

- (a) Inspection, adjustment, cleaning, or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation, in accordance with the manufacturer's specifications.
- (b) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NOx and, to the extent practicable, CO.
- (c) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation, in accordance with the manufacturer's specifications.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a natural gas-fired boiler, model no. AB-600, manufactured by Superior Boiler Works, Inc. The boiler is rated at 26.46 mmBtu/hr heat input.

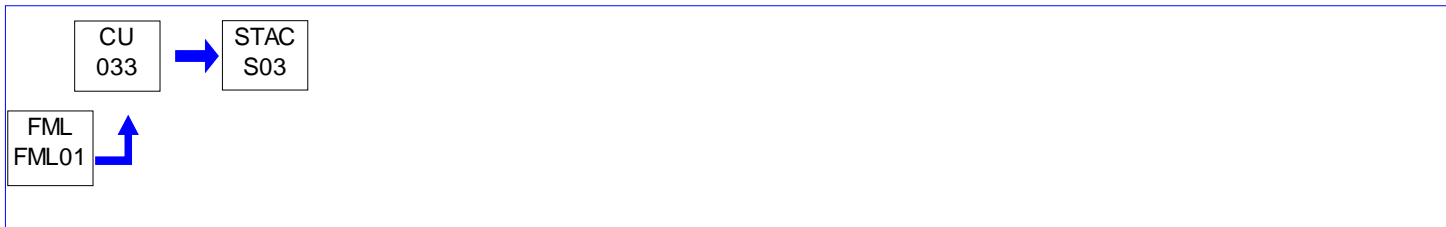
**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: SUPERIOR BOILER 3

Source Capacity/Throughput: 9.040 MMBTU/HR

8.610 MCF/HR Natural Gas

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.11(a)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this boiler occurs in such a manner that the rate of the emission does not exceed 0.4 lb/mmBtu heat input.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.22(e)(1).]

The permittee shall ensure that emission into the outdoor atmosphere of SO<sub>x</sub>, expressed as SO<sub>2</sub>, from this boiler occurs in such a manner that the rate of the emission does not exceed 1.0 lb/mmBtu heat input.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that natural gas is the only fuel consumed by this boiler. The application of any other fuels shall be approved by the Department prior to their application.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that the total operating time of this boiler does not exceed 4,380 hours per year, calculated monthly as a 12-month rolling sum.

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

The permittee shall monitor the following operating parameters for this boiler:

**SECTION D. Source Level Requirements**

- (a) The hours of operation, on an operating day and monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall maintain records of the following operating parameters for this boiler:

- (a) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (b) The amount of natural gas consumed on a monthly basis, calculated using a Department-approved method.

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

This source consists of a natural gas-fired boiler, model no. AB-200, manufactured by Superior Boiler Works, Inc. The boiler is rated at 9.04 mmBtu/hr heat input.

**SECTION D. Source Level Requirements**

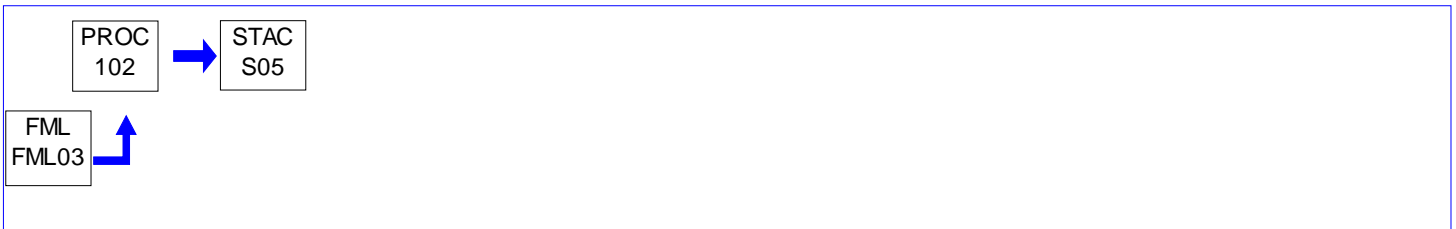
Source ID: 102

Source Name: LIGHTING &amp; ALARM SYSTEMS EMERGENCY GENERATOR SET

Source Capacity/Throughput:

4.600 Gal/HR

Diesel Fuel

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.13(c)(1)(i).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from the plan approval-exempt engine of this emergency generator set occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 grains per dry standard cubic foot (gr/dscf).

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

The permittee shall ensure that the emission into the outdoor atmosphere of NO<sub>x</sub> from the plan approval-exempt engines of this emergency generator set and the telephone and computer systems emergency generator set (Source ID 104) is less than the following rates:

- (a) 100 lbs/hr.
- (b) 1,000 lbs/day.
- (c) 2.75 tons per ozone season (i.e., the period from May 1–September 30 of each year).
- (d) 6.6 tons/yr, calculated monthly as a 12-month rolling sum.

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

- (a) The permittee shall ensure that diesel fuel is the only fuel consumed by the plan approval-exempt engine of this emergency generator set. The application of any other fuels shall be approved by the Department prior to their application.
- (b) The sulfur content of the diesel fuel consumed by the engine shall not exceed 0.2%, by weight.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.21(b).]

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

[Additional authority for this permit condition is derived from 40 C.F.R. § 63.6640(f)(1)–(2) and (4)(ii)(A)–(E), and 25 Pa. Code § 127.35(b).]

The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated in compliance with the following operating hours restrictions:

**SECTION D. Source Level Requirements**

- (a) There is no operating hours restriction for emergency situations.
- (b) A total operating time of less than or equal to 50 hours per calendar year for non-emergency situations, except that the following operations are prohibited:
- (1) Peak shaving.
  - (2) Demand response.
  - (3) Supplying power to an electric grid to generate income, or otherwise supplying power as part of a financial arrangement with another entity, unless all of the following conditions are met:<sup>1</sup>
    - (i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
    - (ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
    - (iii) The dispatch is in accordance with reliability, emergency operation, or similar protocols that follow specific North American Electric Reliability Corporation (NERC), regional, state, public utility commission, or local standards or guidelines.
    - (iv) The power is provided only to the facility itself or to support the local transmission and distribution system.
    - (v) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission, or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee.
- (c) A total operating time of less than or equal to 100 hours per calendar year for the following purposes:
- (1) Any maintenance checks, including readiness testing and tune-ups.
  - (2) The non-emergency situations indicated in (b), above.

[Compliance with this permit condition assures that the engine is considered an emergency engine in accordance with the provisions of 40 C.F.R. Part 63, Subpart ZZZZ, as vacated in part on May 1, 2015, by the U.S. Court of Appeals for the District of Columbia Circuit.]

<sup>1</sup> On September 23, 2015, the U.S. Court of Appeals for the District of Columbia Circuit granted the U.S. EPA's motion for voluntary remand without vacatur of the provisions of 40 C.F.R. § 63.6640(f)(4)(ii)(A)–(E), which are the basis of the requirements indicated in (b)(3)(i)–(v), above.]

**II. TESTING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 139.16(1) and (3).]

- (a) The following testing requirements are applicable to the diesel fuel consumed by the plan approval-exempt engine of this emergency generator set:
- (1) The fuel sample shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the permittee shall collect the sample employing the procedures and equipment specified in ASTM International (ASTM) Standards D4057 or D4177, as appropriate.
  - (2) Unless an alternative method(s) is approved by the Department, in writing, only ASTM Standards D129, D1266, D1552,

**SECTION D. Source Level Requirements**

D2622, or D4294 may be used to determine the sulfur content of the diesel fuel.

(b) The testing requirements indicated in (a)(1)–(2), above, shall be waived for a given shipment of diesel fuel in the event that the permittee obtains either a laboratory analysis or other certification (e.g., delivery receipt) from the fuel supplier indicating the maximum sulfur content of the diesel fuel.

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

The permittee shall monitor the following operating parameters for the plan approval-exempt engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation, on an operating day basis:
  - (1) The hours of operation for each type of operation.
  - (2) The total hours of operation.
- (c) The amount of diesel fuel consumed on a monthly basis.

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

The permittee shall calculate the total NO<sub>x</sub> emissions (pounds and tons) from the plan approval-exempt engines of this emergency generator set and the telephone and computer systems emergency generator set (Source ID 104) on a monthly, ozone season, and 12-month rolling basis, using a Department-approved method(s).

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

The permittee shall maintain records of the following operating parameters for the plan approval-exempt engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation:
  - (1) The hours of operation for each type of operation, on an operating day, monthly, and annual basis.
  - (2) The total hours of operation, on an operating day, monthly, and 12-month rolling basis.

(c) The amount of diesel fuel consumed on a monthly and 12-month rolling basis, calculated using a Department-approved method.

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

The permittee shall maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of diesel fuel received for the plan approval-exempt engine of this emergency generator set. The laboratory analysis or other certification shall specify the maximum sulfur content (% by weight; or ppm, by weight) of the diesel fuel.

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

The permittee shall maintain records of the manufacturer's emission-related written instructions (or operating manual) for the plan approval-exempt engine of this emergency generator set.

**SECTION D. Source Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.10(b)(1), 63.6625(i), and 63.6655(a)(1) and (4); and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the following for the plan approval-exempt engine of this emergency generator set:

- (a) All notifications required to comply with all applicable provisions of 40 C.F.R. Part 63, Subpart ZZZZ (along with all supporting documentation).
- (b) All maintenance performed. These records shall contain, at a minimum, the following:
  - (1) The date and time of the maintenance.
  - (2) The reading on the hour-meter of the emergency generator set.
  - (3) The type of maintenance performed.
- (c) All oil analyses performed as part of the oil analysis program specified in Condition # 016(b)(1)–(4), Section D (under Source ID 102), of this permit. These records shall contain, at a minimum, the following for each oil analysis:
  - (1) The date that the oil analysis is performed.
  - (2) The parameters analyzed.
  - (3) The date that the results of the oil analysis are received.
  - (4) The results of the analysis.

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

The permittee shall maintain records of the total NO<sub>x</sub> emissions (pounds and tons) from the plan approval-exempt engines of this emergency generator set and the telephone and computer systems emergency generator set (Source ID 104) on a monthly, ozone season, and 12-month rolling basis, calculated using a Department-approved method(s).

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.6625(e)(3) and 63.6640(a), and 25 Pa. Code §§ 127.35(b) and 127.444.]

- (a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the manufacturer's emission-related written instructions.
- (b) The permittee shall not change any emission-related settings on the engine.

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

[Additional authority for this permit condition is derived from 40 C.F.R. § 63.6625(f) and 25 Pa. Code § 127.35(b).]



**SECTION D. Source Level Requirements**

The permittee shall operate and maintain a non-resettable hour meter for this emergency generator set.

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.6602, 63.6605(a), and 63.6625(h)–(i); and 25 Pa. Code § 127.35(b).]

(a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the following practices:

- (1) The amount of time spent at idle during startup is minimized.
- (2) The total amount of startup time is minimized to that needed to ensure appropriate and safe loading of the engine, but no greater than 30 minutes.
- (3) Except as specified in (b)(3), below, the oil and filter are changed every 500 hours of operation or on an annual basis, whichever comes first.
- (4) The air cleaner is inspected every 1,000 hours of operation or on an annual basis, whichever comes first.
- (5) All hoses and belts are inspected every 500 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.

(b) The permittee may utilize an oil analysis program in order to extend the period for changing the oil in the engine, as specified in (a)(3), above, as follows:

- (1) The oil analysis shall be performed at the same frequency as specified in (a)(3), above, for changing the oil.
- (2) The oil analysis shall be performed for at least the following parameters, so that compliance with the following condemning limits can be determined:
  - (i) Total acid number: Increases by greater than 3.0 milligrams of potassium hydroxide (KOH) per gram of oil from the total acid number of the oil when new.
  - (ii) Viscosity: Changed by greater than 20% from the viscosity of the oil when new.
  - (iii) Percent water (by volume): Greater than 0.5.
- (3) If none of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee is not required to change the oil in the engine.
- (4) If any of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee shall change the oil in the engine within 2 business days after receiving the results of the analysis, or before commencing operation, whichever is later.

**VII. ADDITIONAL REQUIREMENTS.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of an emergency generator set, model no. 70 RD, manufactured by Elliott MagneTek Power Systems, Inc. The emergency generator set is rated at 70 kW power output, and comprised of the following equipment:

- (a) A six-cylinder, diesel fuel-fired (plan approval-exempt) internal combustion engine, model no. 6BG1TPV, manufactured by Isuzu Motors America, LLC. The engine is rated at 104 bhp power output and has a displacement of 1.08 liters per

**SECTION D. Source Level Requirements**

cylinder.

(b) An electric generator, model no. MTG29, manufactured by MagneTek.

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

The plan approval-exempt engine of this emergency generator set is subject to, and shall comply with all applicable provisions of, 40 C.F.R. Part 63, Subpart ZZZZ. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Associate Director  
Office of Air Enforcement and Compliance Assistance (3AP20)  
U.S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

**SECTION D. Source Level Requirements**

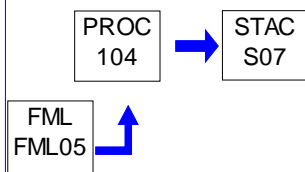
Source ID: 104

Source Name: TELEPHONE &amp; COMPUTER SYSTEMS EMERGENCY GENERATOR SET

Source Capacity/Throughput:

9.800 Gal/HR

Diesel Fuel

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.13(c)(1)(i).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from the plan approval-exempt engine of this emergency generator set occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

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

The permittee shall ensure that the emission into the outdoor atmosphere of NO<sub>x</sub> from the plan approval-exempt engines of this emergency generator set and the lighting and alarm systems emergency generator set (Source ID 102) is less than the following rates:

- (a) 100 lbs/hr.
- (b) 1,000 lbs/day.
- (c) 2.75 tons per ozone season.
- (d) 6.6 tons/yr, calculated monthly as a 12-month rolling sum.

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

(a) The permittee shall ensure that diesel fuel is the only fuel consumed by the plan approval-exempt engine of this emergency generator set. The application of any other fuels shall be approved by the Department prior to their application.

(b) The sulfur content of the diesel fuel consumed by the engine shall not exceed 0.2%, by weight.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.21(b).]

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

[Additional authority for this permit condition is derived from 40 C.F.R. § 63.6640(f)(1)–(2) and (4)(ii)(A)–(E), and 25 Pa. Code § 127.35(b).]

The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated in compliance with the following operating hours restrictions:

**SECTION D. Source Level Requirements**

- (a) There is no operating hours restriction for emergency situations.
- (b) A total operating time of less than or equal to 50 hours per calendar year for non-emergency situations, except that the following operations are prohibited:
- (1) Peak shaving.
  - (2) Demand response.
  - (3) Supplying power to an electric grid to generate income, or otherwise supplying power as part of a financial arrangement with another entity, unless all of the following conditions are met:<sup>2</sup>
    - (i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
    - (ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
    - (iii) The dispatch is in accordance with reliability, emergency operation, or similar protocols that follow specific NERC, regional, state, public utility commission, or local standards or guidelines.
    - (iv) The power is provided only to the facility itself or to support the local transmission and distribution system.
    - (v) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission, or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee.
- (c) A total operating time of less than or equal to 100 hours per calendar year for the following purposes:
- (1) Any maintenance, including readiness testing and tune-ups.
  - (2) The non-emergency situations indicated in (b), above.

[Compliance with this permit condition assures that the engine is considered an emergency engine in accordance with the provisions of 40 C.F.R. Part 63, Subpart ZZZZ, as vacated in part on May 1, 2015, by the U.S. Court of Appeals for the District of Columbia Circuit.]

<sup>2</sup> On September 23, 2015, the U.S. Court of Appeals for the District of Columbia Circuit granted the U.S. EPA's motion for voluntary remand without vacatur of the provisions of 40 C.F.R. § 63.6640(f)(4)(ii)(A)–(E), which are the basis of the requirements indicated in (b)(3)(i)–(v), above.]

**II. TESTING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 139.16(1) and (3).]

(a) The following testing requirements are applicable to the diesel fuel consumed by the plan approval-exempt engine of this emergency generator set:

- (1) The fuel sample shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the permittee shall collect the sample employing the procedures and equipment specified in ASTM Standards D4057 or D4177, as appropriate.
- (2) Unless an alternative method(s) is approved by the Department, in writing, only ASTM Standards D129, D1266, D1552, D2622, or D4294 may be used to determine the sulfur content of the diesel fuel.

**SECTION D. Source Level Requirements**

(b) The testing requirements indicated in (a)(1)–(2), above, shall be waived for a given shipment of diesel fuel in the event that the permittee obtains either a laboratory analysis or other certification from the fuel supplier indicating the maximum sulfur content of the diesel fuel.

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

The permittee shall monitor the following operating parameters for the plan approval-exempt engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation, on an operating day basis:
  - (1) The hours of operation for each type of operation.
  - (2) The total hours of operation.
- (c) The amount of diesel fuel consumed on a monthly basis.

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

The permittee shall calculate the total NOx emissions (pounds and tons) from the plan approval-exempt engines of this emergency generator set and the lighting and alarm systems emergency generator set (Source ID 102) on a monthly, ozone season, and 12-month rolling basis, using a Department-approved method(s).

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

The permittee shall maintain records of the following operating parameters for the plan approval-exempt engine of this emergency generator set:

- (a) The type(s) of operation, on an operating day basis.
- (b) The following hours of operation:
  - (1) The hours of operation for each type of operation, on an operating day, monthly, and annual basis.
  - (2) The total hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (c) The amount of diesel fuel consumed on a monthly and 12-month rolling basis, calculated using a Department-approved method.

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

The permittee shall maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of diesel fuel received for the plan approval-exempt engine of this emergency generator set. The laboratory analysis or other certification shall specify the maximum sulfur content (% by weight; or ppm, by weight) of the diesel fuel.

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

The permittee shall maintain records of the manufacturer's emission-related written instructions (or operating manual) for the plan approval-exempt engine of this emergency generator set.

**SECTION D. Source Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.10(b)(1), 63.6625(i), and 63.6655(a)(1) and (4); and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the following for the plan approval-exempt engine of this emergency generator set:

- (a) All notifications required to comply with all applicable provisions of 40 C.F.R. Part 63, Subpart ZZZZ (along with all supporting documentation).
- (b) All maintenance performed. These records shall contain, at a minimum, the following:
  - (1) The date and time of the maintenance.
  - (2) The reading on the hour-meter of the emergency generator set.
  - (3) The type of maintenance performed.
- (c) All oil analyses performed as part of the oil analysis program specified in Condition # 016(b)(1)–(4), Section D (under Source ID 104), of this permit. These records shall contain, at a minimum, the following for each oil analysis:
  - (1) The date that the oil analysis is performed.
  - (2) The parameters analyzed.
  - (3) The date that the results of the oil analysis are received.
  - (4) The results of the analysis.

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

The permittee shall maintain records of the total NO<sub>x</sub> emissions (pounds and tons) from the plan approval-exempt engines of this emergency generator set and the lighting and alarm systems emergency generator set (Source ID 102) on a monthly, ozone season, and 12-month rolling basis, calculated using a Department-approved method(s).

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.6625(e)(3) and 63.6640(a), and 25 Pa. Code §§ 127.35(b) and 127.444.]

- (a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the manufacturer's emission-related written instructions.
- (b) The permittee shall not change any emission-related settings on the engine.

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

[Additional authority for this permit condition is derived from 40 C.F.R. § 63.6625(f) and 25 Pa. Code § 127.35(b).]

**SECTION D. Source Level Requirements**

The permittee shall operate and maintain a non-resettable hour meter for this emergency generator set.

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

[Additional authority for this permit condition is derived from 40 C.F.R. §§ 63.6602, 63.6605(a), and 63.6625(h)–(i); and 25 Pa. Code § 127.35(b).]

(a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the following practices:

- (1) The amount of time spent at idle during startup is minimized.
- (2) The total amount of startup time is minimized to that needed to ensure appropriate and safe loading of the engine, but no greater than 30 minutes.
- (3) Except as specified in (b)(3), below, the oil and filter are changed every 500 hours of operation or on an annual basis, whichever comes first.
- (4) The air cleaner is inspected every 1,000 hours of operation or on an annual basis, whichever comes first.
- (5) All hoses and belts are inspected every 500 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.

(b) The permittee may utilize an oil analysis program in order to extend the period for changing the oil in the engine, as specified in (a)(3), above, as follows:

- (1) The oil analysis shall be performed at the same frequency as specified in (a)(3), above, for changing the oil.
- (2) The oil analysis shall be performed for at least the following parameters, so that compliance with the following condemning limits can be determined:
  - (i) Total acid number: Increases by greater than 3.0 milligrams of potassium hydroxide (KOH) per gram of oil from the total acid number of the oil when new.
  - (ii) Viscosity: Changed by greater than 20% from the viscosity of the oil when new.
  - (iii) Percent water (by volume): Greater than 0.5.
- (3) If none of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee is not required to change the oil in the engine.
- (4) If any of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee shall change the oil in the engine within 2 business days after receiving the results of the analysis, or before commencing operation, whichever is later.

**VII. ADDITIONAL REQUIREMENTS.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of an emergency generator set, model no. 125 RD, manufactured by Elliott MagneTek Power Systems, Inc. The emergency generator set is rated at 125 kW power output, and comprised of the following equipment:

- (a) A six-cylinder, diesel fuel-fired (plan approval-exempt) internal combustion engine, model no. 6081T, manufactured by John Deere. The engine is rated at 192 bhp power output and has a displacement of 1.35 liters per cylinder.

**SECTION D. Source Level Requirements**

(b) An electric generator, model no. MTG35, manufactured by MagneTek.

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

The plan approval-exempt engine of this emergency generator set is subject to, and shall comply with all applicable provisions of, 40 C.F.R. Part 63, Subpart ZZZZ. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Associate Director  
Office of Air Enforcement and Compliance Assistance (3AP20)  
U.S. EPA, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

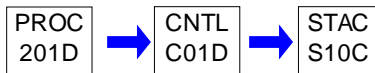


**SECTION D. Source Level Requirements**

Source ID: 201D

Source Name: FEMININE SANITARY PRODUCTS EQUIPMENT

Source Capacity/Throughput: 11,089.000 Lbs/HR ABSORBENT FLUFF MAT'L

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.13(c)(1)(i).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this feminine sanitary products equipment occurs in such a manner that the concentration of PM in the exhaust gas, as measured at the outlet of each of the associated final, safety, and HEPA filter systems (Source ID C01D), does not exceed 0.04 gr/dscf.

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

The permittee shall monitor the differential pressures across the following equipment associated with this feminine sanitary products equipment on a per-shift basis:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters (of the final, safety, and HEPA filter systems (Source ID C01D)).
- (c) Each combined set of safety and HEPA panel filters (of the final, safety, and HEPA filter systems).

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the differential pressures across the following equipment associated with this feminine sanitary products equipment on a per-shift basis:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters (of the final, safety, and HEPA filter systems (Source ID C01D)).
- (c) Each combined set of safety and HEPA panel filters (of the final, safety, and HEPA filter systems).

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

The permittee shall maintain records of all maintenance inspections for the rotary drum filters and final, safety and HEPA filter systems (Source ID C01D) associated with this feminine sanitary products equipment, performed in accordance with Condition # 006(a)–(b), Section D (under Source ID 201D), of this permit. These records shall include, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date and time of the inspection.
- (b) Any maintenance (i.e., routine, preventative, or otherwise) performed.

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

The permittee shall operate and maintain differential pressure gauges to indicate the differential pressures across the rotary drum filters and final, safety and HEPA filter systems (Source ID C01D) associated with this feminine sanitary products equipment. The permittee shall ensure that the differential pressures across each rotary drum filter and each set of final cartridge filters and safety and HEPA panel filters does not exceed the following:

Filter Type(s)	Differential Pressure (inches of water)
Rotary Drum	5.0
Final	9.0
Safety/HEPA (combined)	7.0

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

The permittee shall perform the following for the rotary drum filters and final, safety and HEPA filter systems (Source ID C01D) associated with this feminine sanitary products equipment:

- (a) A visual check of each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, on a per-shift basis.
- (b) Routine and/or preventative maintenance for each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, including, but not limited to, inspecting each filter for holes, every 45–60 days, in accordance with the facility's rotating preventative maintenance program.

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

The permittee shall ensure that the rotary drum filters and filters of the final, safety and HEPA filter systems (Source ID C01D) associated with this feminine sanitary products equipment are replaced as needed. The permittee shall maintain a sufficient quantity of spare rotary drum, final cartridge, and safety panel filters for replacement of deteriorated or ineffective filters.<sup>3</sup>

<sup>3</sup> The permittee is not required to maintain spare HEPA panel filters due to the length of time required for them to become deteriorated or ineffective.

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

- (a) This feminine sanitary products equipment source grouping consists of ten production lines, each equipped with numerous vacuum pickups that duct absorbent fluff material, as applicable, to an integral four-chamber rotary drum filter.
- (b) Exhaust gas flow/PM emissions from the rotary drum filters associated with the production lines immediately proceed(s) to associated final, safety, and HEPA filter systems (Source ID C01D), as follows, before exhausting into either the indoor or outdoor atmosphere:

**SECTION D. Source Level Requirements**

Production Line(s) No.	Associated Final, Safety, & HEPA Filter System No.	Rated Exhaust Gas Flow (acfm)	Quantity of Final, Safety, & HEPA Filters
80	1	24,000	70/12/12
81	81	28,000	70/12/12
82	82	28,000	70/12/12
83-84 <sup>^4</sup>	83-84	28,000	70/12/12
85 <sup>^5</sup>	4	24,000	80/12/12
86	5	24,000	70/12/12
87	3	24,000	70/12/12
88	53	29,000	70/12/12
89	75	29,000	20/20/20

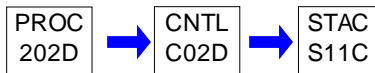
<sup>^4</sup> Production lines no. 83 and 84 share a rotary drum filter and set of final, safety, and HEPA filters.  
<sup>^5</sup> Production line nos. 41 and 85 (the former of which is part of the adult incontinence products equipment (Source ID 202D)) share a rotary drum filter and set of final, safety, and HEPA filters.

**SECTION D. Source Level Requirements**

Source ID: 202D

Source Name: ADULT INCONTINENCE PRODUCTS EQUIPMENT

Source Capacity/Throughput: 11,836.000 Lbs/HR ABSORBENT FLUFF MAT'L

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.13(c)(1)(i).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this adult incontinence products equipment occurs in such a manner that the concentration of PM in the exhaust gas, as measured at the outlet of each of the associated final, safety, and HEPA filter systems (Source ID C02D), does not exceed 0.04 gr/dscf.

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

The permittee shall monitor the differential pressures across the following equipment associated with this adult incontinence products equipment on a per-shift basis:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters (of the final, safety, and HEPA filter systems (Source ID C02D)).
- (c) Each combined set of safety and HEPA panel filters (of the final, safety, and HEPA filter systems).

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the differential pressures across the following equipment associated with this adult incontinence products equipment on a per-shift basis:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters (of the final, safety, and HEPA filter systems (Source ID C02D)).
- (c) Each combined set of safety and HEPA panel filters (of the final, safety, and HEPA filter systems).

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

The permittee shall maintain records of all maintenance inspections for the rotary drum filters and final, safety and HEPA filter systems (Source ID C01D) associated with this adult incontinence products equipment, performed in accordance with Condition # 006(a)–(b), Section D (under Source ID 202D), of this permit. These records shall include, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date and time of the inspection.
- (b) Any maintenance performed.

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

The permittee shall operate and maintain differential pressure gauges to indicate the differential pressures across the rotary drum filters and final, safety and HEPA filter systems (Source ID C02D) associated with this adult incontinence products equipment. The permittee shall ensure that the differential pressures across each rotary drum filter and each set of final cartridge filters and safety and HEPA panel filters does not exceed the following:

Filter Type(s)	Differential Pressure (inches of water)
Rotary Drum	5.0
Final	9.0
Safety/HEPA (combined)	7.0

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

The permittee shall perform the following for the rotary drum filters and final, safety and HEPA filter systems (Source ID C02D) associated with this adult incontinence products equipment:

- (a) A visual check of each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, on a per-shift basis.
- (b) Routine and/or preventative maintenance for each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, including, but not limited to, inspecting each filter for holes, every 45–60 days, in accordance with the facility's rotating preventative maintenance program.

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

The permittee shall ensure that the rotary drum filters and filters of the final, safety and HEPA filter systems (Source ID C02D) associated with this adult incontinence products equipment are replaced as needed. The permittee shall maintain a sufficient quantity of spare rotary drum, final cartridge, and safety panel filters for replacement of deteriorated or ineffective filters.<sup>^6</sup>

<sup>^6</sup> The permittee is not required to maintain spare HEPA panel filters due to the length of time required for them to become deteriorated or ineffective.

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

- (a) This adult incontinence products equipment source grouping consists of seven production lines, each equipped with numerous vacuum pickups that duct absorbent fluff material to an integral four-chamber rotary drum filter.
- (b) Exhaust gas flow/PM emissions from the rotary drum filters associated with the production lines immediately proceed(s) to associated final, safety, and HEPA filter systems (Source ID C02D), as follows, before exhausting into either the indoor or outdoor atmosphere:

**SECTION D. Source Level Requirements**

Production Line(s) No.	Associated Final, Safety, & HEPA Filter System No.	Rated Exhaust Gas Flow (acfm)	Quantity of Final, Safety, & HEPA Filters
41 <sup>^7</sup>	4	24,000	80/12/12
42	8	28,000	70/12/12
44	44	28,000	84/20/20
45	45	33,000	20/20/20
46	72	33,000	18/18/15
50	2	24,000	70/12/12
52	52	28,000	90/20/20

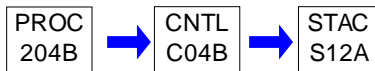
<sup>^7</sup> Production line nos. 41 and 85 (the latter of which is part of the feminine sanitary products equipment (Source ID 201D)) share a rotary drum filter and set of final, safety, and HEPA filters.

**SECTION D. Source Level Requirements**

Source ID: 204B

Source Name: SCRAP CULL RECYCLING CENTER (SCRC) EQUIPMENT

Source Capacity/Throughput: 1,370.000 Lbs/HR ABSORBENT FLUFF MAT'L

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.13(c)(1)(i).]

The permittee shall ensure that emission into the outdoor atmosphere of PM from this SCRC equipment occurs in such a manner that the concentration of PM in the exhaust gas, as measured at the outlet of each of the associated rotary drum, final, safety, and HEPA filter systems (Source ID C04B), does not exceed 0.04 gr/dscf.

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

The permittee shall monitor the differential pressures across the filters of the rotary drum, final, safety, and HEPA filters (Source ID C04B) associated with this SCRC equipment on a per-shift basis, as follows:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters.
- (c) Each combined set of safety and HEPA panel filters.

**IV. RECORDKEEPING REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the differential pressures across the filters of the rotary drum, final, safety, and HEPA filters (Source ID C04B) associated with this SCRC equipment on a per-shift basis, as follows:

- (a) Each rotary drum filter.
- (b) Each set of final cartridge filters.
- (c) Each combined set of safety and HEPA panel filters.

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

The permittee shall maintain records of all maintenance inspections for the rotary drum, final, safety and HEPA filter systems (Source ID C04B) associated with this SCRC equipment, performed in accordance with Condition # 006(a)–(b), Section D (under Source ID 204B), of this permit. These records shall include, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date and time of the inspection.
- (b) Any maintenance performed.

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

The permittee shall operate and maintain differential pressure gauges to indicate the differential pressures across the rotary drum, final, safety and HEPA filter systems (Source ID C04B) associated with this SCRC equipment. The permittee shall ensure that the differential pressures across each rotary drum filter and each set of final cartridge filters and safety and HEPA panel filters does not exceed the following:

Filter Type(s)	Differential Pressure (inches of water)
Rotary Drum	5.0
Final	9.0
Safety/HEPA (combined)	7.0

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

The permittee shall perform the following for the rotary drum, final, safety and HEPA filter systems (Source ID C04B) associated with this SCRC equipment:

- (a) A visual check of each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, on a per-shift basis.
- (b) Routine and/or preventative maintenance for each rotary drum filter, and each set of final cartridge filters and safety and HEPA panel filters, including, but not limited to, inspecting each filter for holes, every 45–60 days, in accordance with the facility's rotating preventative maintenance program.

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

The permittee shall ensure that the filters of the rotary drum, final, safety and HEPA filter systems (Source ID C04B) associated with this SCRC equipment are replaced as needed. The permittee shall maintain a sufficient quantity of spare rotary drum, final cartridge, and safety panel filters for replacement of deteriorated or ineffective filters.<sup>^8</sup>

<sup>^8</sup> The permittee is not required to maintain spare HEPA panel filters due to the length of time required for them to become deteriorated or ineffective.

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

(a) This SCRC equipment source grouping consists of various augers and grinders that process scrap (i.e., small pieces of polyethylene or nonwoven material from the feminine sanitary and adult incontinence production lines) and culls (i.e., rejected finished feminine sanitary and adult incontinence products), and prefilters and a slant screen that process poly (i.e., larger polyethylene cutouts from the adult incontinence production lines), prior to recycling.

(b) Exhaust gas flow/PM emissions from the SCRC equipment proceed(s) to associated rotary drum, final, safety, and HEPA filter systems (Source ID C04B), as follows, before exhausting into either the indoor or outdoor atmosphere:



**SECTION D. Source Level Requirements**

Rotary Drum, Final, Safety, & HEPA Filter System No.	Rated Exhaust Gas Flow (acfm)	Quantity of Final, Safety, & HEPA Filters	Waste Type(s) Processed
7	24,000	70/12/12	Scrap, Culls
12	33,000	100/15/15	Culls
13	14,000	60/12/12	Poly



**SECTION E. Source Group Restrictions.**

No Source Groups exist for this permit.



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this permit.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		
031	SUPERIOR BOILER 1		
<b>Emission Limit</b>		<b>Pollutant</b>	
1.000	Lbs/MMBTU	Heat Input	SOX
0.400	Lbs/MMBTU	Heat Input	TSP
032	SUPERIOR BOILER 2		
<b>Emission Limit</b>		<b>Pollutant</b>	
1.000	Lbs/MMBTU	Heat Input	SOX
0.400	Lbs/MMBTU	Heat Input	TSP
033	SUPERIOR BOILER 3		
<b>Emission Limit</b>		<b>Pollutant</b>	
1.000	Lbs/MMBTU	Heat Input	SOX
0.400	Lbs/MMBTU	Heat Input	TSP
102	LIGHTING & ALARM SYSTEMS EMERGENCY GENERATOR SET		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.750	Tons/OZNESEAS	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
6.600	Tons/Yr	12-Month Rolling Sum, Calculated Monthly; From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
100.000	Lbs/Hr	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
1,000.000	Lbs/Day	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
0.040	gr/DRY FT3	From the Plan Approval-Exempt Engine	TSP
104	TELEPHONE & COMPUTER SYSTEMS EMERGENCY GENERATOR SET		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.750	Tons/OZNESEAS	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
6.600	Tons/Yr	12-Month Rolling Sum, Calculated Monthly; From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
100.000	Lbs/Hr	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
1,000.000	Lbs/Day	From the Plan Approval-Exempt Engines of Source IDs 102 and 104	NOX
0.040	gr/DRY FT3	From the Plan Approval-Exempt Engine	TSP
201D	FEMININE SANITARY PRODUCTS EQUIPMENT		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/DRY FT3	At the Outlet of Each of the Associated Final, Safety, & HEPA Filter Systems	TSP
202D	ADULT INCONTINENCE PRODUCTS EQUIPMENT		
<b>Emission Limit</b>		<b>Pollutant</b>	
0.040	gr/DRY FT3	At the Outlet of Each of the Associated Final, Safety, & HEPA Filter Systems	TSP

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
204B	SCRAP CULL RECYCLING CENTER (SCRC) EQUIPMENT
Emission Limit	Pollutant
0.040 gr/DRY FT3	At the Outlet of Each of the Associated Rotary TSP Drum, Final, Safety, & HEPA Filter Systems

**Site Emission Restriction Summary**

Emission Limit	Pollutant
25.000 Tons/Yr	Less Than; 12-Month Rolling Sum, Calculated Monthly NOX

**SECTION H. Miscellaneous.**

(a) The following previously-issued documents serve as the basis for certain terms and conditions set forth in this permit:

- (1) Reasonably Available Control Technology (RACT) Operating Permit No. OP-46-0021.
- (2) RFD No. 46-A01-1095.
- (3) RFD No. 46-A01-2014.
- (4) RFD No. 46-A01-2070.
- (5) RFD No. 46-A01-2108.
- (6) RFD No. 46-A01-2182.
- (7) RFD No. 46-A01-2214.
- (8) RFD No. 46-A01-2215.
- (9) RFD No. 46-A01-2542.
- (10) RFD No. 464.
- (11) RFD No. 581.
- (12) RFD No. 618.
- (13) RFD No. 1008.
- (14) RFD No. 1178.
- (15) RFD No. 1767.
- (16) RFD No. 1771.
- (17) RFD No. 1772.
- (18) RFD No. 3092.
- (19) RFD No. 4076.
- (20) RFD No. 4921.
- (21) RFD No. 6505.
- (22) RFD No. 6749.

(b) The rated or maximum capacity/throughput values listed in Sections A and D, of this permit, are used for descriptive purposes only and are not considered restrictions or enforceable conditions by the Department.

(c) This permit (APS ID 647060, Auth ID 1285702) is a renewal of State Only Operating Permit No. 46-00021, originally issued on September 8, 2003 (APS ID 470111, Auth ID 486572); amended on July 2, 2004 (APS ID 470111, Auth ID 549037), and February 6, 2018 (APS ID 647060, Auth ID 1207732); and previously renewed on May 5, 2009 (APS ID 647060, Auth ID 745495), and May 8, 2015 (APS ID 647060, Auth ID 1000250). The following is a listing of the changes reflected in this permit:

- (1) The permit contact person has been changed to Ron Rothenberger, Engineering Manager, (610) 878-3835.
- (2) The source IDs and names for the following source groupings, control device groupings, and emission point groupings in Sections A, D, and F, of the previously-amended permit (Sections A, D, and G, of this permit), where applicable, have been changed ([deleted from source ID and name], <added to source ID and name>):

**SECTION H. Miscellaneous.**

Source ID	Source Name
201[C]<D>	<Feminine> Sanitary [Napkin] Product[ion]<s> Equipment
202[C]<D>	Adult Incontinence [Diaper] Product[ion]<s> Equipment
C01[C]<D>	<Feminine> Sanitary [Napkin] Product[ion]<s> Equipment Final, Safety, & HEPA Filter Systems
C02[C]<D>	Adult Incontinence [Diaper] Product[ion]<s> Equipment Final, Safety, & HEPA Filter Systems
S10[B]<C>	<Feminine> Sanitary [Napkin] Product[ion]<s> Equipment Final, Safety, & HEPA Filter Systems Stacks
S11[B]<C>	Adult Incontinence [Diaper] Product[ion]<s> Equipment Final, Safety, & HEPA Filter Systems Stacks

(3) The values for the absorbent fluff material throughput listings for the sanitary napkin/feminine sanitary and adult incontinence (diaper) products equipment, as indicated in Sections A and D (under Source IDs 201C–202C, respectively), of the previously-amended permit (Sections A and D (under Source IDs 201D–202D, respectively), of this permit), have been changed, as follows:

Old/New Source ID	Old/New Throughput Listing
201C/201D	12,434 / 11,089 lbs/hr
202C/202D	7,762 / 11,836 lbs/hr

(4) Requirements that emissions reports contain sufficient information to enable the Department to complete its emission inventory, and be made in a format specified by the Department, have been added as Condition # 024, Section B, of this permit.

(5) An exception from the visible emission restrictions specified in 25 Pa. Code § 123.41 for the operation of equipment used solely to train and test persons in observing the opacity of visible emissions has been added to Condition # 006, Section C, of the previously-amended permit (same condition number in this permit), as Sub-condition (b).

(6) The definition of NO<sub>x</sub> in Condition # 007, Section C, of the previously-amended permit (same condition number in this permit), has been removed.

(7) Condition # 017, Section C, of the previously-amended permit (same condition number in this permit), has been updated to include additional requirements pertaining to malfunctions, as well as new requirements pertaining to emergencies and incidents of excess emissions.

(8) Condition # 019, Section C, of the previously-amended permit, has been moved to Condition # 023, Section B, of this permit.

(9) The source descriptions for the sanitary napkin/feminine sanitary and adult incontinence (diaper) products equipment, as indicated in Condition # 008, Section D (under Source IDs 201C–202C, respectively), of the previously-amended permit (Condition # 008, Section D (under Source IDs 201D–202D, respectively), of this permit), have been updated.

(10) A separate section for source group restrictions has been added as Section E, of this permit.



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

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