



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

**TITLE V/STATE OPERATING PERMIT**

Issue Date:	August 30, 2023	Effective Date:	February 10, 2025
Revision Date:	February 10, 2025	Expiration Date:	August 30, 2028
Revision Type:	Modification		

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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

**TITLE V Permit No: 45-00005**

Federal Tax Id - Plant Code: 98-0033013-1

**Owner Information**

Name: SANOFI PASTEUR INC.  
Mailing Address: 1 DISCOVERY DR  
MAIL STOP 49D30  
SWIFTWATER, PA 18370-9100

**Plant Information**

Plant: SANOFI PASTEUR/SWIFTWATER FACILITY  
Location: 45 Monroe County 45913 Pocono Township  
SIC Code: 2834 Manufacturing - Pharmaceutical Preparations

**Responsible Official**

Name: JOSEPH GILLILAND  
Title: HEAD OF HSE  
Phone: (570) 580 - 5030 Email: joseph.gilliland@sanofi.com

**Permit Contact Person**

Name: ADAM HAYDT  
Title: HEAD OF ENVIRONMENT  
Phone: (570) 216 - 7521 Email: adam.haydt@sanofi.com

[Signature] \_\_\_\_\_  
MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILER 1	20.412 MMBTU/HR	
032	BOILER 2	20.412 MMBTU/HR	
034	BOILER, BLDG 49	1.200 MMBTU/HR	
036	BOILER 3	32.659 MMBTU/HR	
039	BOILER 6	32.300 MMBTU/HR	
040	BOILER 7	32.300 MMBTU/HR	
041	BOILER 8	32.300 MMBTU/HR	
042	BOILER 9	32.300 MMBTU/HR	
043	BOILER 10	32.300 MMBTU/HR	
046	BOILER 13	33.400 MMBTU/HR	
047	BOILER 14	33.400 MMBTU/HR	
048	BOILER 15	33.400 MMBTU/HR	
101	VACCINE PRODUCTION AREA		
103	EMERGENCY GENERATORS (19)		
104	THERMAL EGG DRYER		
107	EGG WASTE PROCESSING AREA, INFLUENZA VACCINE MFG, BLDG 59		
108	BUFFERING REAGENT HANDLING AREA, BLDG 59		
117	INFLUENZA VACCINE MFG OPERATIONS -B79		
118	REAGENT DISPENSING/BUFFER PREP LAB HOODS		
119	EGG WASTE DEHYDRATOR #1		
120	EGG WASTE DEHYDRATOR #2		
121	EGG WASTE DEHYDRATOR #3		
122	EGG WASTE DEHYDRATOR #4		
123	EGG WASTE DEHYDRATOR #5		
124	EGG WASTE DEHYDRATOR #6		
125	EGG WASTE DEHYDRATOR #7		
127	B79 WASTE WATER		
128	THREE (3) COOLING TOWERS		
129	DRY CHEMICAL WEIGH STATION		
130	EGG WASTE DEHYDRATOR #8		
C01	HEPA FILTERS		
C04	REGENERATIVE THERMAL OXIDIZER		
C107	REGENERATIVE THERMAL OXIDIZER		
C108	DUST COLLECTOR FOR BUFFERING REAGENT HANDLING EQUIP		
C118	DUST COLLECTOR FOR BUFFERING REAGENT HANDLING EQUIP		
C119	THERMAL OXIDATION CHAMBER		
C120	THERMAL OXIDATION CHAMBER		
C121	THERMAL OXIDATION CHAMBER		
C122	THERMAL OXIDATION CHAMBER		

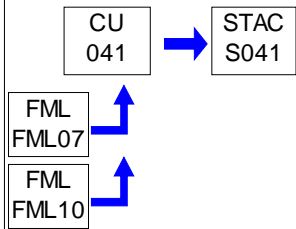
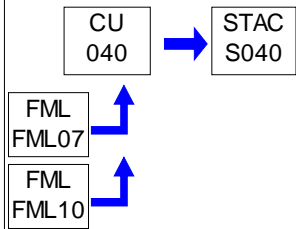
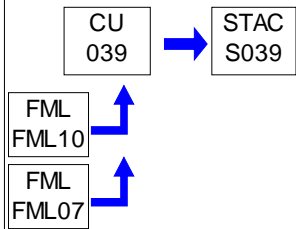
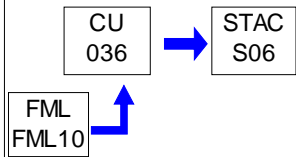
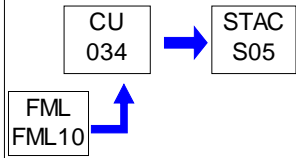
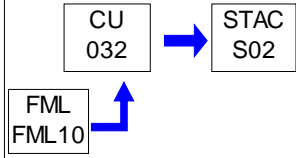
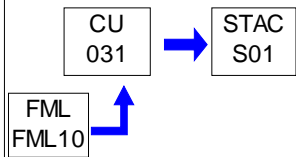
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
C123	THERMAL OXIDATION CHAMBER		
C124	THERMAL OXIDATION CHAMBER		
C125	THERMAL OXIDATION CHAMBER		
C126	THERMAL OXIDATION CHAMBER		
C128	DRIFT ELIMINATORS		
C129	B46 DUST COLLECTOR		
C130	THERMAL OXIDATION CHAMBER		
FML02	EMERGENCY GENERATOR DIESEL TANKS		
FML07	#2 FUEL OIL STORAGE TANKS		
FML10	NATURAL GAS		
S01	STACK - BOILER 1		
S02	STACK - BOILER 2		
S03	BLDG VENTILATION EXHAUST		
S039	STACK - BOILER 6		
S040	STACK - BOILER 7		
S041	STACK - BOILER 8		
S046	STACK - BOILER 13		
S047	STACK - BOILER 14		
S048	STACK - BOILER 15		
S05	STACK - BLDG 49 BOILER		
S06	STACK - BOILER 3		
S10	STACK - REGENERATIVE THERMAL OXIDIZER		
S107	STACK FOR RTO		
S108	STACK FOR DUST COLLECTOR		
S118	STACK - DUST COLLECTOR		
S119	STACK - DMI #1		
S120	STACK - DMI #2		
S121	STACK - DMI #3		
S122	STACK - DMI #4		
S123	STACK - DMI #5		
S124	STACK - DMI #6		
S125	STACK - DMI #7		
S130	EGG WASTE DEHYDRATOR #8 STACK		
S42	STACK - BOILER 9		
S43	STACK - BOILER 10		
Z01	FUGITIVE EMISSIONS - EMERGENCY GENERATORS		
Z117	FUGITIVE EMISSIONS		
Z127	FUGITIVE EMISSIONS		
Z128	FUGITIVE EMISSIONS		

**PERMIT MAPS**

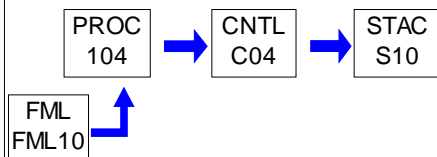
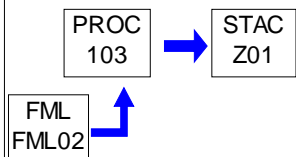
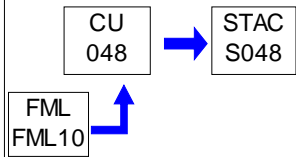
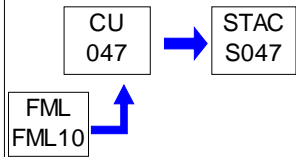
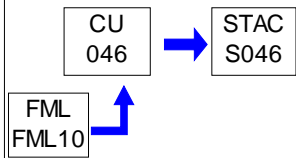
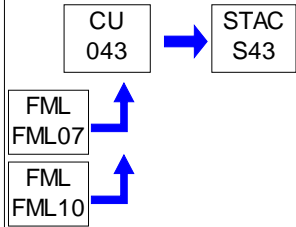
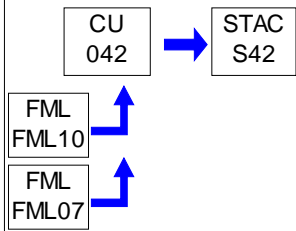


## PERMIT MAPS



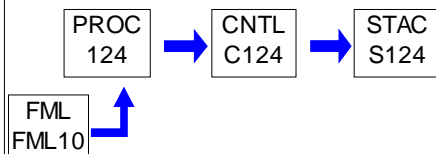
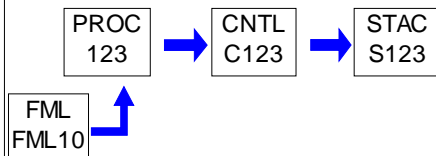
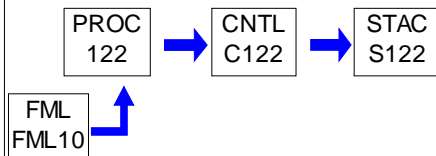
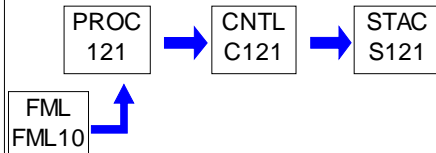
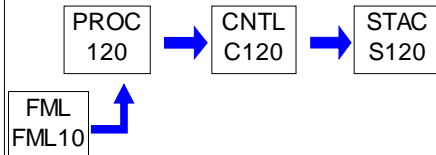
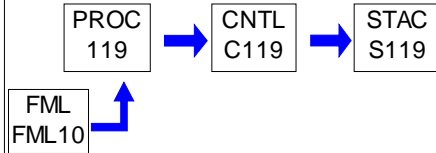
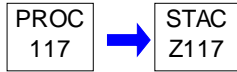
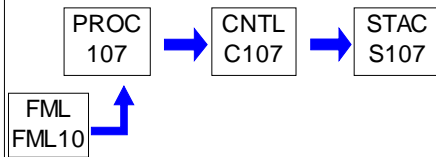


## PERMIT MAPS





## PERMIT MAPS







**PERMIT MAPS**



**SECTION B. General Title V 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 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 121.7]****Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

**#003 [25 Pa. Code § 127.512(c)(4)]****Property Rights**

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

**#004 [25 Pa. Code § 127.446(a) and (c)]****Permit Expiration**

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. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

**#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]****Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) 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 during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

**#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]****Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

- (1) The Department determines that no other change in the permit is necessary;
- (2) 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,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

**#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]****Inspection and Entry**

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, 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, 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.

(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.

**#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]****Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) 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 to the source are 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 Title V permit.

**#009 [25 Pa. Code § 127.512(c)(2)]****Need to Halt or Reduce Activity Not a Defense**

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

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

**#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]****Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

**#012 [25 Pa. Code § 127.543]****Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

**#013 [25 Pa. Code § 127.522(a)]****Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#015 [25 Pa. Code §§ 121.1 & 127.462]****Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**#016 [25 Pa. Code § 127.450]****Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3\_Air\_Apps\_and\_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

**#017 [25 Pa. Code § 127.512(b)]****Severability Clause**

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

**#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]****Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

**SECTION B. General Title V Requirements**

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

**#019 [25 Pa. Code §§ 127.14(b) & 127.449]****Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit 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 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 or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(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.

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(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, liquefied petroleum gas 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.

(d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

**#020 [25 Pa. Code §§ 127.11a & 127.215]****Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(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).

**#021 [25 Pa. Code §§ 121.9 & 127.216]****Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

**SECTION B. General Title V Requirements**

phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) 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 this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]****Submissions**

(a) 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 on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]****Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

**#024 [25 Pa. Code §§ 127.511 & Chapter 135]****Recordkeeping Requirements**

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

- (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.



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(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 the 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

**#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]****Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

**#026 [25 Pa. Code § 127.513]****Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3\_APD\_Permits@epa.gov.

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (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)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

**#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]****Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR 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) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
  - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
  - (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 EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR 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 CFR § 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 the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

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(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

**#029 [25 Pa. Code § 127.512(e)]****Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

**#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]****Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

**#031 [25 Pa. Code §135.3]****Reporting**

(a) 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 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.

**#032 [25 Pa. Code §135.4]****Report Format**

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 §123.1]****Prohibition of certain fugitive emissions**

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) N/A.
- (9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (i) the emissions are of minor significance with respect to causing air pollution; and
  - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in SECTION C - Condition #001 (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

**# 003 [25 Pa. Code §123.31]****Limitations****MALODOR EMISSIONS**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**# 004 [25 Pa. Code §123.41]****Limitations****VISIBLE EMISSIONS**

(a) The permittee may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

**# 005 [25 Pa. Code §123.42]****Exceptions**

(a) The limitations of SECTION C - Condition #004 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

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- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in SECTION C - Condition #001.
- (4) When arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

**II. TESTING REQUIREMENTS.****# 006 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

All sampling, testing and analyses performed in compliance with the requirements of any section of this permit shall be done in accordance with SECTION B - General Title V Requirement #023.

**# 007 [25 Pa. Code §139.1]****Sampling facilities.**

If requested by the Department, the permittee shall conduct performance (stack) tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department. The permittee will provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on such source(s). The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

**III. MONITORING REQUIREMENTS.****# 008 [25 Pa. Code §123.43]****Measuring techniques**

(a) Visible emissions may be measured using either of the following:

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

**# 009 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.****FUGITIVE, VISIBLE, AND MALODOR EMISSIONS**

(a) The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to detect visible, fugitive, and malodor emissions as follows:

- (1) Visible emissions in excess of the limits stated in SECTION C - Condition #004.
- (i) Visible emissions may be measured according to the methods specified in SECTION C - Condition #008, or alternatively, plant personnel who observe any visible emissions in excess of the limits stated in SECTION C - Condition #004 shall report the incident of visible emissions to the Department within four (4) hours of each incident and make arrangements for a certified observer to verify the opacity of the emissions.
- (2) The presence of fugitive emissions visible beyond the boundaries of the facility, as stated in SECTION C - Condition #002.
- (3) The presence of malodor emissions beyond the boundaries of the facility, as stated in SECTION C - Condition #003.

**SECTION C. Site Level Requirements****# 010 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

## Fuel Usage Data

- (a) If fuel usage data which is monitored continuously is missing or invalid (as determined through review of plant records), data shall be filled for each day of missing/invalid data. If less than 10 percent of days for a given month have missing data, the missing days shall be filled using the average of the days immediately preceding and following the missing period. If 10 percent or more of days for a given month are missing data, the data shall be filled using the maximum daily fuel usage recorded during that month and the missing data will be reported as a deviation.
- (b) If fuel usage data which is monitored monthly is missing, data shall be filled for the entire missing month with the maximum monthly fuel usage for the given unit during the preceding 12-month period. The missing data will be reported as a deviation.

**# 011 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

## Hours of Operation Data

- (a) If hours of operation data is monitored continuously and is missing or invalid (as determined through review of plant records), data shall be filled for each day of missing/invalid data. If less than 10 percent of days for a given month have missing data, the missing days shall be filled using the average of the days immediately preceding and following the missing period unless other data (i.e., fuel throughput) exists such that it is known the source was not operational. If 10 percent or more of days for a given month are missing data, the data shall be filled using the maximum daily hours of operation recorded during that month and the missing data will be reported as a deviation.
- (b) If hours of operation data is monitored without a CEMS and is missing, data shall be filled for a missing month of data with the maximum hours of operation in a month over the preceding 12-month period. The missing data will be reported as a deviation.

**# 012 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

At least weekly, visual emission checks of each emission point subject to an opacity limit (excluding sources covered by an Opacity CEM) shall be conducted during periods of normal facility operation for a sufficient time interval to determine if the unit has visible emissions using 40 CFR 60 Appendix A, Method 22. If sources of visible emissions are identified during the survey, or at any other time, the permittee shall conduct a 40 CFR 60 Appendix A, Method 9 evaluation within one month. A Method 9 evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operating at normal operating conditions. A record of each visible emission check required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emissions requirement, the results of the check, what action(s), if any, was/were taken, and the name of the observer.

The permittee shall monitor visible emissions from sources subject to an opacity limit (excluding sources covered by an Opacity CEM) in accordance with the following procedures, test methods and frequencies:

- (a) EPA Method 9 shall be used to determine opacity. Prior notification and a pre-test plan are not required to be submitted for each test or survey conducted.
- (b) The permittee shall use the following monitoring schedule for conducting the visible emissions tests required by this condition:
- (i) The initial monitoring frequency for performing visible emission tests is once per week.
  - (ii) If the tests conducted during six (6) consecutive weeks of operation show opacity within the applicable limits, the tests need only be done once per month;
  - (iii) If the tests conducted during four (4) consecutive months of operation show opacity within the applicable limits, the

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tests need only be done once per quarter;

(iv) If an exceedance occurs, the tests for the exceeding monitoring point will start over with weekly checks according to the monitoring frequency table above.

(c) All visible emissions tests shall be conducted during operating conditions that have the potential to create visible emissions.

(d) If the observer is unable to conduct the tests due to unit downtime, visual interference's caused by other visible emission sources (e.g. fugitive emissions during high wind conditions), or due to weather conditions such as fog, heavy rain, or snow, the observer shall note such conditions on the data observation sheet and make at least three (3) attempts to conduct the tests at approximately 2-hour intervals throughout the day. The permittee shall attempt to make the observations daily until a valid observation period is completed.

(e) A record of each visible emission test required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emissions requirement, the results of the test, what action(s), if any, was/were taken, and the name of the observer.

**IV. RECORDKEEPING REQUIREMENTS.****# 013 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

All records, reports and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with SECTION B - General Title V Requirement #024, and shall be made available to the Department upon written or verbal request at a reasonable time.

**# 014 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.****FUGITIVE AND VISIBLE EMISSIONS**

(a) The permittee shall, at the conclusion of each weekly inspection, record all occurrences of fugitive and/or visible emissions which deviate from the limitations of SECTION C - Conditions #002 and #004 in a log book.

(b) The permittee shall record any and all corrective action(s) taken to abate each recorded deviation or prevent future occurrences.

**V. REPORTING REQUIREMENTS.****# 015 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company must record and report maximum potential emissions without considering enforceable emission limitations or operational restrictions for an emissions unit during any period of time that there is no monitoring data, unless another method for determining emissions during such periods is specified in this permit.

(b) The company shall report unauthorized, accidental or emergency releases of air pollutants; malfunctions of equipment, the maintenance of which is necessary to meet plan approval requirements or emission limitations; instances of exceeding permit terms or conditions or regulatory requirements found during routine plant maintenance, whether or not the Department is aware of the situation; instances of exceeding permit terms or conditions or regulatory requirements recorded by continuous monitoring equipment; or other departures from the requirements of the act, regulations adopted under the act, terms or conditions of operating permits or plan approvals, or Department orders within one (1) hour of having knowledge of the occurrence of such an event. The reporting of such an event shall include the probable cause of the event(s) and corrective actions or preventive measures taken in order to address the event(s). A written report describing the event and the preventative or corrective actions taken to address the event shall be submitted to the Department within five (5) working days following the event. The Department may take enforcement action for any violations of the applicable provisions of the Air Pollution Control Act, regulations adopted under the Act, terms or conditions of

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operating permits or plan approvals and Department orders . This reporting requirement in no way supercedes or eliminates any other applicable federal or state reporting requirements..

- (c) Any changes in the location of the aforementioned source, or any changes in the process or control equipment would be considered a modification and would require the submittal of an amended application for plan approval in accordance with the provisions of 25 Pa. Code 127.11 and 127.12.
- (d) Any deviation shall be reported as per the requirements of 40 CFR 52.21(aa)(14)(ii).
- (e) Pursuant to the requirement of 40 CFR 52.21(aa)(14)(iii) the company shall submit to the Department the results of any re-validation test or method within three (3) months after completion of such test or method.
- (f) Any notification as a result of any condition herein should be directed to:

Mark J Wejkszner, P.E  
Air Quality Program Manager  
Department of Environmental Protection  
2 Public Square  
Wilkes-Barre, PA 18701-1915

**# 016 [25 Pa. Code §127.513]**  
**Compliance certification.**

The reporting period for the certificate of compliance required by SECTION B - Condition #026, shall be for the previous calendar year, and it shall be submitted within 60 days after the specified period but no later than March 1st.

**# 017 [25 Pa. Code §135.21]**  
**Emission statements**

- (a) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.
- (b) The annual emission statements (AIMS Reports) are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.
- (c) The Department may require more frequent submittals if the Department determines that one or more of the following applies:
  - (1) A more frequent submission is required by the EPA.
  - (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

**# 018 [25 Pa. Code §135.3]**  
**Reporting**

- (a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.
- (b) A person who receives initial notification by the Department that a source report is necessary shall submit an initial source report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.



**SECTION C. Site Level Requirements**

(c) A source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

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

(a) A person responsible for any source specified in SECTION C - Condition #001 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**# 020 [25 Pa. Code §129.14]****Open burning operations**

(a) Outside of air basins.

No person may permit the open burning of material in an area outside of air basins in a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
- (3) The emissions interfere with the reasonable enjoyment of life or property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of subsection (a) do not apply where the open burning operations result from:

- (1) 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.
- (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

- (1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

- (i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (a) of this section.

**SECTION C. Site Level Requirements**

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(3) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

**VII. ADDITIONAL REQUIREMENTS.****# 021 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

**# 022 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The owner or operator must continue to comply with all other applicable Federal and State requirements, emission limitations, and work practice standards, including any obligation to obtain permits prior to constructing, modifying and operating any emissions unit.

**# 023 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee may not construct or modify a new source at the facility unless the "new source", as defined in 25 Pa. Code § 121.1, meets the Best Available Technology (BAT) requirements established by the Department pursuant to Section 6.6 (c) of the Air Pollution Control Act and 25 Pa. Code § 127.11.

(b) At no time (during or after the PAL effective period) are emissions reductions of a PAL pollutant, which occur during the PAL effective period, creditable as decreases for purposes of offsets unless the level of the PAL are reduced by the amount of such emissions reductions and such reductions would be creditable in the absence of the PAL.

**VIII. COMPLIANCE CERTIFICATION.**

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

**IX. COMPLIANCE SCHEDULE.**

No compliance milestones exist.

**\*\*\* Permit Shield In Effect \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER 1

Source Capacity/Throughput: 20.412 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

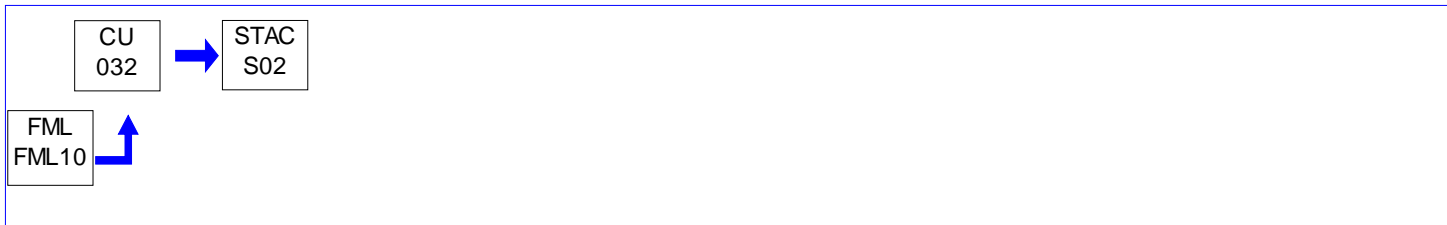
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER 2

Source Capacity/Throughput: 20.412 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

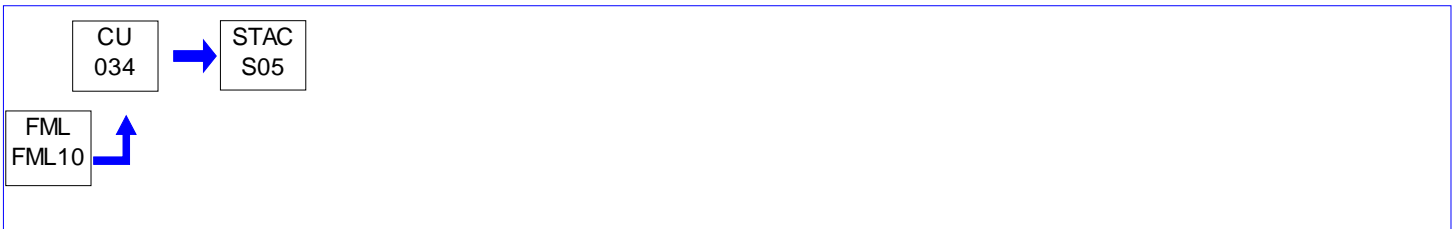
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: BOILER, BLDG 49

Source Capacity/Throughput: 1.200 MMBTU/HR

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

The concentration of sulfur oxides (expressed as SO<sub>2</sub>) in the emissions from this boiler may not exceed 4 pounds per million BTU of Sulfur Dioxide.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 002 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

NO<sub>x</sub> RACT for this source shall be maintenance and operation in accordance with manufacturer's specifications and good air pollution control practices.

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***

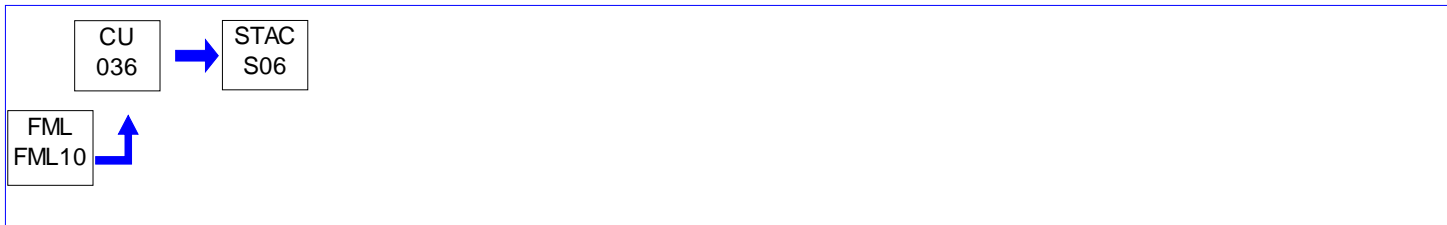
**SECTION D. Source Level Requirements**

Source ID: 036

Source Name: BOILER 3

Source Capacity/Throughput: 32.659 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

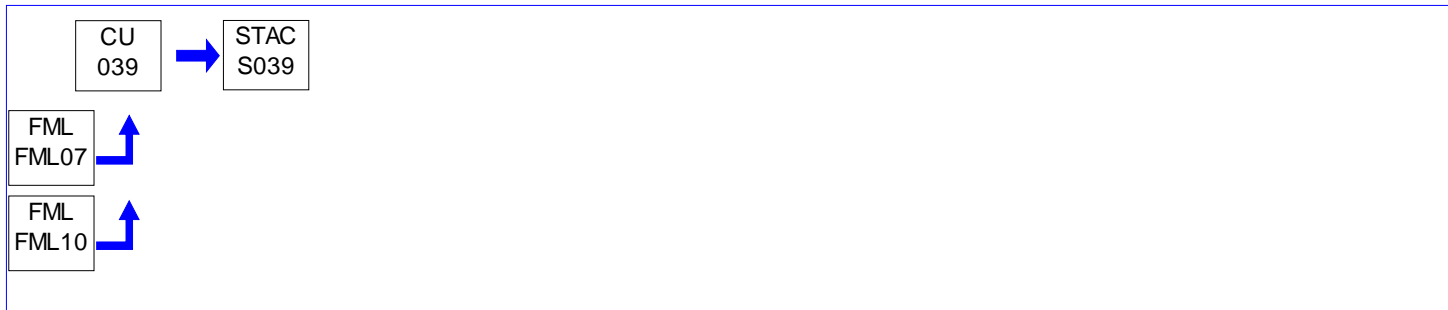
**SECTION D. Source Level Requirements**

Source ID: 039

Source Name: BOILER 6

Source Capacity/Throughput: 32.300 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

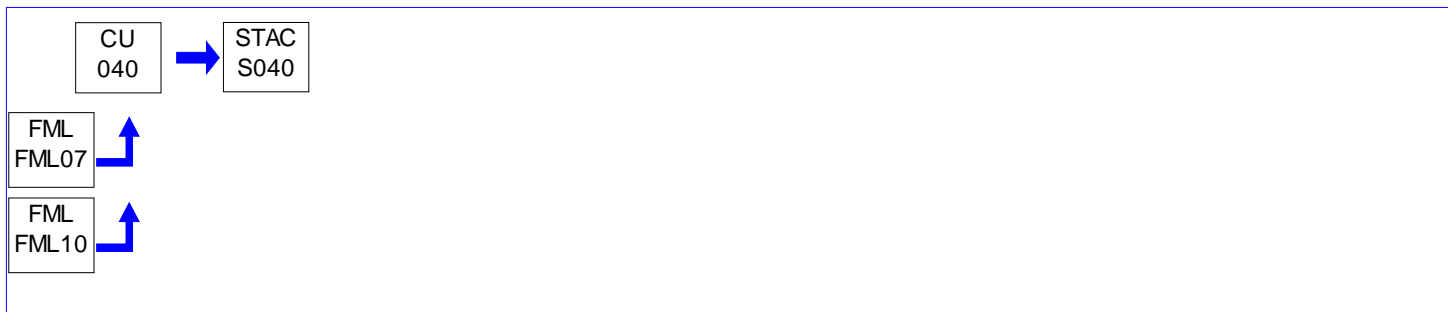
**SECTION D. Source Level Requirements**

Source ID: 040

Source Name: BOILER 7

Source Capacity/Throughput: 32.300 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***



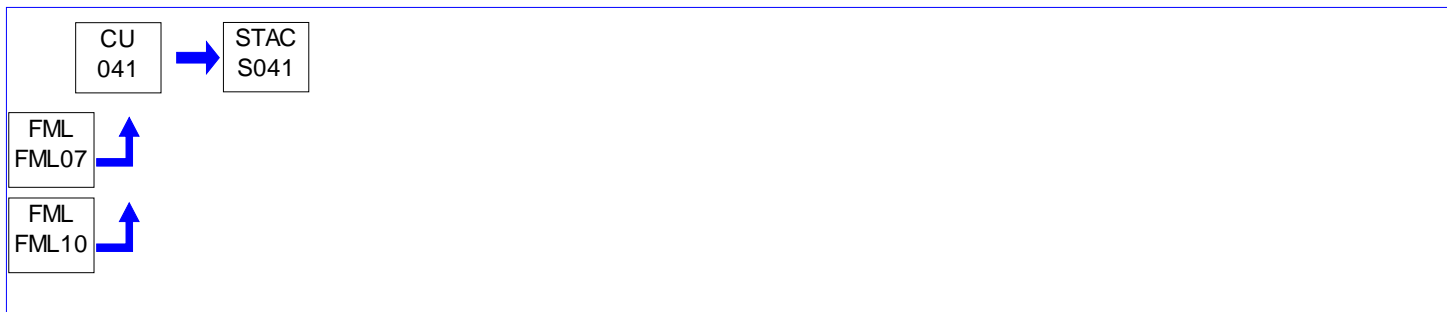
**SECTION D. Source Level Requirements**

Source ID: 041

Source Name: BOILER 8

Source Capacity/Throughput: 32.300 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

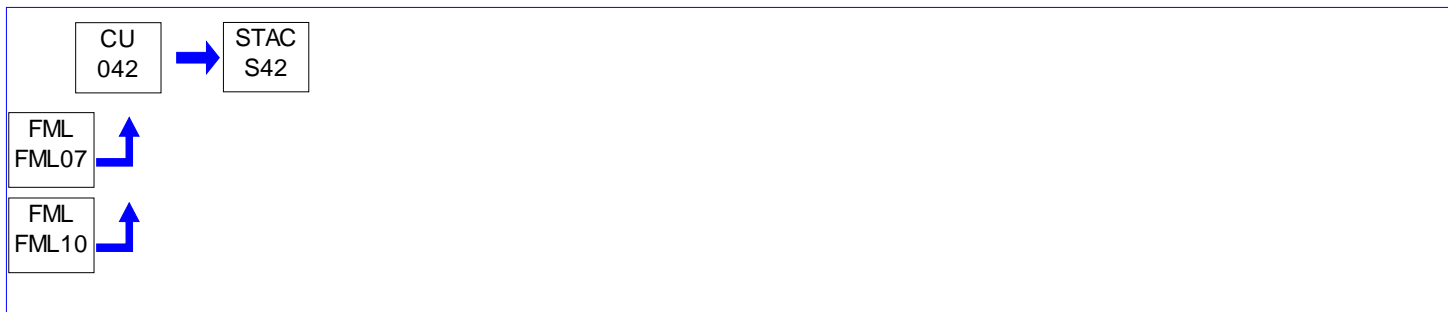
**SECTION D. Source Level Requirements**

Source ID: 042

Source Name: BOILER 9

Source Capacity/Throughput: 32.300 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

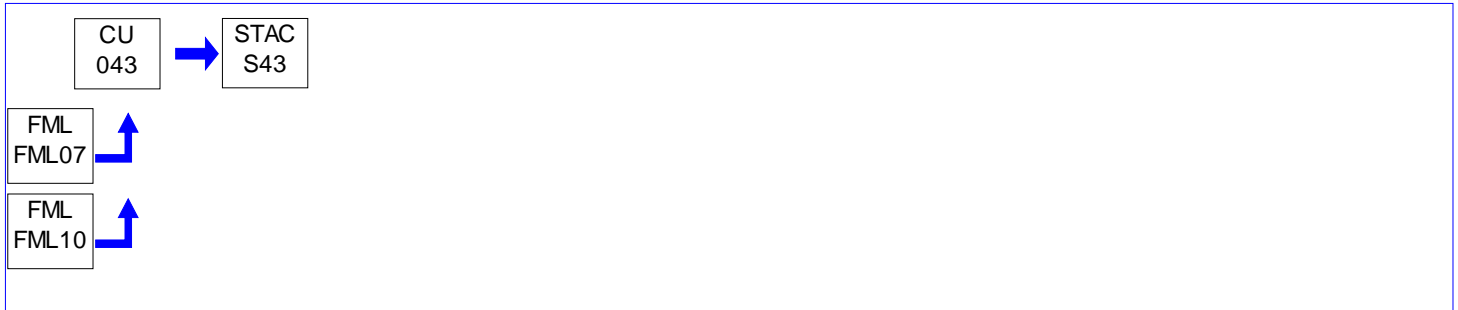
**SECTION D. Source Level Requirements**

Source ID: 043

Source Name: BOILER 10

Source Capacity/Throughput: 32.300 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

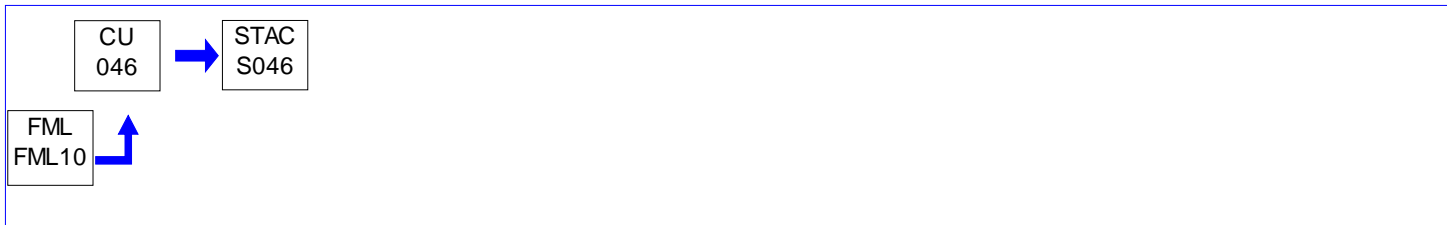
**SECTION D. Source Level Requirements**

Source ID: 046

Source Name: BOILER 13

Source Capacity/Throughput: 33.400 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

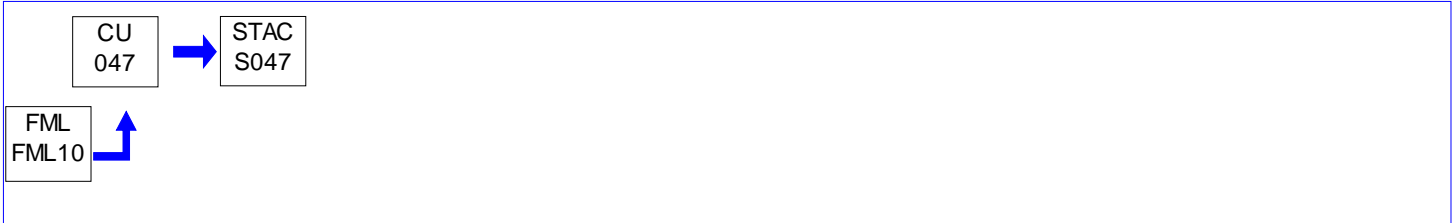
**SECTION D. Source Level Requirements**

Source ID: 047

Source Name: BOILER 14

Source Capacity/Throughput: 33.400 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

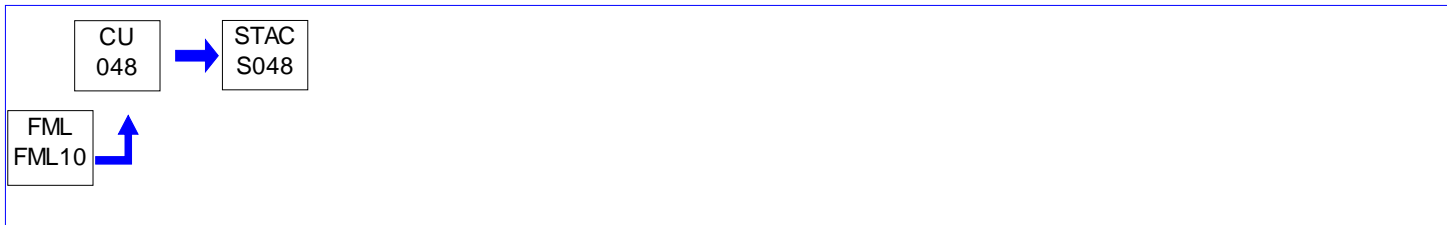
**SECTION D. Source Level Requirements**

Source ID: 048

Source Name: BOILER 15

Source Capacity/Throughput: 33.400 MMBTU/HR

Conditions for this source occur in the following groups: GROUP 03

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: VACCINE PRODUCTION AREA

Source Capacity/Throughput:

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

The concentration of particulate matter (expressed as TSP) in the emissions from this source may not exceed 0.04 Grain per Dry Standard Cubic Foot of Total Suspended Particulate.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides (expressed as SO<sub>2</sub>) in the emissions from this source may not exceed 500 PPM by Volume of Sulfur Dioxide over any 1-hour period.

**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

All cleaning (disinfection) solvent operations associated with this Source ID 101 must comply with Best Available Technology to minimize VOC emissions. All cleaning operations must store new and used cleaning solvents in closed containers. A record of the quantity of all VOC's used in clean-up operations for the process equipment must be calculated on a monthly basis (12 month rolling sum).

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***



**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: EMERGENCY GENERATORS (19)

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from these sources in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 150 parts per million, by volume, dry basis.

**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) NO<sub>x</sub> RACT for the diesel fired emergency generators shall be regulated under the presumptive RACT Emission limitations as described under 25 Pa. Code, Chapter 129.93(c)(5).

(b) The operating schedule of each generator may not exceed 150 hours/year in any consecutive 12-month period with the exception of the following:

B37/B46	150 hrs.
B53/B55	150 hrs.
B56	150 hrs.
B57	150 hrs.
B59	150 hrs.

**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6580]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What is the purpose of subpart ZZZZ?**

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations.

[73 FR 3603, Jan. 18, 2008]

**SECTION D. Source Level Requirements****# 005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

You are subject to this subpart if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.

(a) A stationary RICE is any internal combustion engine which uses reciprocating motion to convert heat energy into mechanical work and which is not mobile. Stationary RICE differ from mobile RICE in that a stationary RICE is not a nonroad engine as defined at 40 CFR 1068.30, and is not used to propel a motor vehicle or a vehicle used solely for competition.

(b) A major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year, except that for oil and gas production facilities, a major source of HAP emissions is determined for each surface site.

(c) An area source of HAP emissions is a source that is not a major source.

(d) If you are an owner or operator of an area source subject to this subpart, your status as an entity subject to a standard or other requirements under this subpart does not subject you to the obligation to obtain a permit under 40 CFR part 70 or 71, provided you are not required to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3(a) for a reason other than your status as an area source under this subpart. Notwithstanding the previous sentence, you must continue to comply with the provisions of this subpart as applicable.

[69 FR 33506, June 15, 2004, as amended at 73 FR 3603, Jan. 18, 2008; 78 FR 6700, Jan. 30, 2013]

**Operation Hours Restriction(s).****# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Each engine is subject to the applicable requirements of 40 CFR Part 63 Subpart ZZZZ. The permittee shall comply with all applicable requirements specified in 40 CFR Part 63 Subpart ZZZZ. Depending on the construction date of the engine, these 40 CFR Part 63 Subpart ZZZZ requirements may be met by compliance with either NSPS Subpart JJJJ requirements (for spark ignition, i.e., natural gas-fired engines) or NSPS Subpart IIII (for compression ignition, i.e., diesel oil-fired engines)."

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall monitor and record the hours of operation of each generator.

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

**SECTION D. Source Level Requirements**

[40 CFR 63.6625(e) and Table 6]

(a) The permittee must operate and maintain the stationary RICE according to:

- (1) The manufacturer's emission-related written instructions; or
- (2) Develop a site-specific maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[40 CFR 63.6625(f) and 40 CFR 63.6640(f)]

(b) Each generator must have a non-resettable hour meter and record the hours of operation and document the hours spent in emergency or non-emergency operation. To continue to be considered an emergency engine, the hours of operation cannot exceed:

- (1) Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for up to 50 hours per year is prohibited.
- (2) The permittee may operate each emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year.
- (3) The permittee may operate each emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

Note: there is no limit on hours of operation under true emergency conditions

[40 CFR 63.6625(h)]

(c) During startup the permittee must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

The permittee shall maintain sufficient records to demonstrate each generators compliance with the operational limitation of Source Level Requirement - Condition #005.

**# 010 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

The permittee shall, on an annual basis, compile a report of the hours of operation of each generator through the year sufficient to demonstrate compliance with the operation time limitation. The records shall be maintained on-site and made available to the Department upon request

**# 011 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

The permittee must keep records of any maintenance performed on each engines air pollution control and monitoring equipment.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 012 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

NO<sub>x</sub> RACT for these sources shall be maintenance and operation in accordance with manufacturer's specifications and good air pollution control practices.

**# 013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

Compliance with the numerical emission limitations established in this subpart is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in §63.6620 and Table 4 to this subpart.

(a) If you own or operate an existing stationary RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this subpart and the operating limitations in Table 2b to this subpart that apply to you.

[40 CFR 63.6603(a) and Table 2d]

The permittee must:

- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (2) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Note: there is an option to use a very specific oil analysis procedure instead of automatically changing the oil under the provisions of 63.6625(j).

[78 FR 6702, Jan. 30, 2013]

**VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

This Source ID 103 consist of the following nineteen (19) Emergency Generators:

- B-20 Generator (Lower Campus) - Cat, Engine Model C27, 750kW (1006 HP). - GPA 45-329-002GP9
- B-29 Generator (WWTP) - Cat, Engine Model C27, 750kW (1006 HP). - GPA 45-329-002GP9
- B-32 Generator (Bolyne) - Cat, Engine Model C27, 750kW (1006 HP). - GPA 45-329-002GP9
- B-37/46 Generator (Webster/Metzger) – Cat, Model 3512C, Serial # EBG00128, 2006, 1500kW (2011 HP). - GPA 45-329-002GP9
- B-38 Generator (#4988) - Cat/Olympian, Engine Model D125P2, 125kW (168 HP). - RFD 8-31-01
- B-45 Generator #2 (E-4) – Cat/Olympian, Engine Model D200PA, 2004, 200kW (268 HP). NO LONGER IN USE.
- B-45/50 Generator (Admin IS) - Cat, Model C15, Serial # F5E00205, 2006, 450kW (603 HP). - GPA 45-329-002GP9
- B46 MF 59 – Cat, Model 32, 2022, 1000 kW ( HP). - LETTER TO FILE

**SECTION D. Source Level Requirements**

- B-55 GCI (East Unit) - Cat, Model 3516C, 2015, 2000 kW (2682 HP). - RFD 4995
- B-56 Generator (Menactra/Warehouse) – Cat, Engine Model 3512C, 2006, 2000 kW (2682 HP). - GPA 45-329-002GP9
- B57/B77 Generator – Cat, Model 3412C, 2006, 2000 kW (2682 HP). - RFD 6020
- B-75 QC (West Unit) - Cat, Model 3516C, 2016, 2000 kW (2682 HP). - GP9-45-007
  
- B-57 Generator (F&F) - Cat, Model 3412C (currently disconnected and decommissioned in place). NO LONGER IN USE.
  
- B-58 Generator E-2; CUP) - Cat, Engine Model 3456, Serial #7WG02941, 2005. - RFD 2-27-03
- B-59 Generator Flu (F-1) - Cat, Engine Model 3516C, Serial #SBK 00152, 2006, 2000 kW (2682 HP). - PA 45-329-001 | 45-329-002GP9
- B-60 Generator Admin (E-3) - Cat/Olympian, Engine Model 1006TAG1, 150kW (201 HP). - RFD 6-23-05
- B-63 Generator (WWTP 2) – Cat, Engine Model C32, Serial # SVC01254, 1000kW (1341 HP). - GPA 45-329-003GP9
- B-72 Generator - Cat, Engine Model C15. 450 kW (671 HP). - GPA 45-329-011GP9
  
- B-79 Flu Generator (WWTP 2) – Cat, Engine Model C175-16, Serial # SR5, 3000 kW (2500 HP). - RFD 45-0392 (12/7/15) | Superseded by RFD 6282 The previously approved B79 emergency power was to be provided by two Caterpillar 3516C-HD TA 2500-kWe generators, with expected operating hours of 499 hr/yr.
  
- B-80 Cub Generator - Cat, Engine Model C32. 1000 kW (1502 HP). RFD 45-0392 (12/7/15) | Superseded by RFD 6282.
  
- B-78 Seed Lab – Cat, Engine Model C18 DMS818, 600 kW (2500 HP) - RFD ID 8509, 19-Jun-2020.

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: THERMAL EGG DRYER

Source Capacity/Throughput:

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

The concentration of particulate matter (expressed as TSP) in the emissions from this source may not exceed 0.04 Grain per Dry Standard Cubic Foot of Total Suspended Particulate.

**# 002 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides (expressed as SO<sub>2</sub>) in the emissions from this source may not exceed 500 PPM by Volume of Sulfur Dioxide over any 1-hour period.

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

(a) The visible air contaminants from the RTO shall not be emitted in such a manner that the opacity of the emissions is either of the following:

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

**Operation Hours Restriction(s).****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The egg drying operation shall not be operated without the simultaneous operation of the Regenerative Thermal Oxidizer (RTO).

**Throughput Restriction(s).****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

During start-up of the RTO, no egg waste may be introduced into the dryer prior to the RTO achieving an operating temperature of 1700°F.

**Control Device Efficiency Restriction(s).****# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The RTO shall operate at a temperature of not less than 1700°F with a retention time of at least one second.

**SECTION D. Source Level Requirements****II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 007 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

Temperature sensing and recording devices shall be installed at a place approved by the Department to show that the exhaust gases, prior to leaving the RTO, have achieved a temperature of not less than 1700°F. The gases are to have a retention time of not less than 1.0 seconds at that temperature.

**# 008 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

The permittee shall ensure that the control device shall be equipped with the applicable monitoring equipment and the monitoring equipment shall be installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 009 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

(a) Temperatures shall be recorded whenever the RTO is in operation. The recording charts shall be made available to Department personnel upon request.

(b) These records shall be maintained for a period of time not less than five (5) years.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

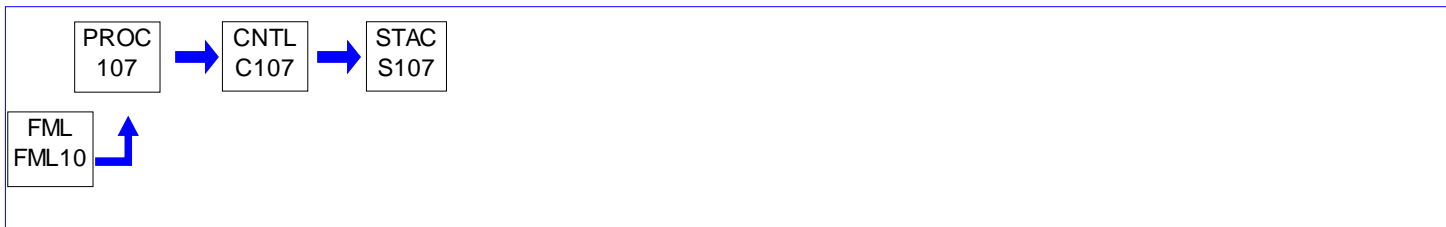
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: EGG WASTE PROCESSING AREA, INFLUENZA VACCINE MFG, BLDG 59

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) Pursuant to the Best Available Control Technology provision of 25 PA Code, Chapter 127, the RTO shall meet the following limitations:

- (1) Destruction Efficiency--- 98 % destruction efficiency or 25 ppm outlet concentration (measured as methane) for the VOCs (Volatile Organic Compounds) emission in the control device.
- (2) Total particulate emissions including PM10 shall not exceed 0.04 grains per dscf from the RTO.
- (3) Sulfur Oxide emission shall not exceed 500 ppm.

**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the provision of 25 PA Code, Chapter 123, Section 123.31, there shall be no malodors emissions from any operation related to any sources covered by this permit.

**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Temperature sensing and recording devices shall be installed to show that the minimum temperature maintained in the thermal incinerator is 1700 °F.

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

If at any time the Department has cause to believe that air contaminant emissions from Source ID 107 may be in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rates. Such testing shall be conducted in accordance with the revisions of Chapter 139 of the Rules and Regulations Environmental Protection, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.

**III. MONITORING REQUIREMENTS.****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall ensure that the control devices shall be equipped with the applicable monitoring equipment and the



**SECTION D. Source Level Requirements**

monitoring equipment shall be installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this permit. All measurements, records and other data required to be maintained by the company shall be retained for at least two (2) years following the date on which such measurements, records or data are recorded.

(b) The operating temperature of the thermal incinerator shall be continuously measured and recorded. The temperature shall be monitored and maintained at the minimum temperature as required by this permit. The recording charts shall be made available to the Department personnel upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 007 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

(a) The company shall ensure that the capture system and control devices are operated at all times the processes are in operation.

(b) Source ID 107 may only be operated as long as the associated air pollution control devices is operated and maintained in accordance with the specifications set forth in this operating permit and in accordance with any conditions set forth herein.

(c) The company shall maintain and operate the air pollution control equipment and sources in accordance with good engineering practice.

**VII. ADDITIONAL REQUIREMENTS.**

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

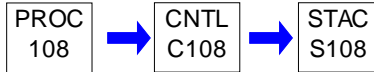
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: BUFFERING REAGENT HANDLING AREA, BLDG 59

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

(a) Pursuant to the Best Available Technology provision of 25 PA Code, Chapter 127, the facility is subject to the following air contaminant emission limitations:

- (1) Total Particulate (including PM10)--- 0.02 grains per dscl from the processes.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

(a) Mechanical gauges shall be installed and maintained to indicate, in inches of water column, the static pressure differential across the dust collector.

(b) The company shall ensure that the control devices shall be equipped with a device for monitoring the pressure differential across the system. The control devices shall be installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

The permittee shall record the pressure drop across the dust collector. At a minimum these recordings shall be taken once per week, while the source and collector is in operation. The recordings shall be maintained in a logbook or electronic record and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

The storage and handling of the material collected in the air cleaning devices associated with Source ID 108 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in Section 123.1 of chapter 123

**SECTION D. Source Level Requirements**

of the Rules and Regulations of the Department of Environmental Protection.

**# 005 [25 Pa. Code §127.512]**

**Operating permit terms and conditions.**

(a) Dust collected in the baghouse filters shall be discharged into closed containers only.

(b) The permittee shall keep on hand a sufficient quantity of spare baghouse bags/filters for the baghouse dust collectors associated with Source ID 108 in order to be able to immediately replace any bags/filters requiring replacement due to deterioration resulting from routine operation of the source(s) and dust collectors.

**VII. ADDITIONAL REQUIREMENTS.**

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

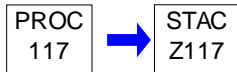
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: INFLUENZA VACCINE MFG OPERATIONS -B79

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: REAGENT DISPENSING/BUFFER PREP LAB HOODS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 119

Source Name: EGG WASTE DEHYDRATOR #1

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

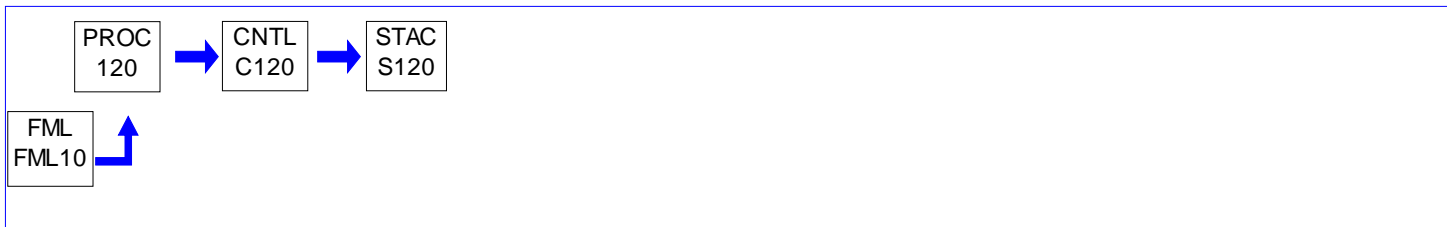
**SECTION D. Source Level Requirements**

Source ID: 120

Source Name: EGG WASTE DEHYDRATOR #2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

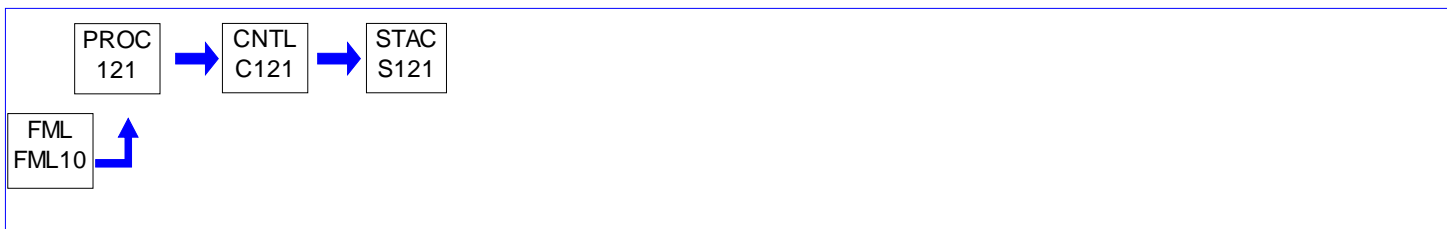
**SECTION D. Source Level Requirements**

Source ID: 121

Source Name: EGG WASTE DEHYDRATOR #3

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***



**SECTION D. Source Level Requirements**

Source ID: 122

Source Name: EGG WASTE DEHYDRATOR #4

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

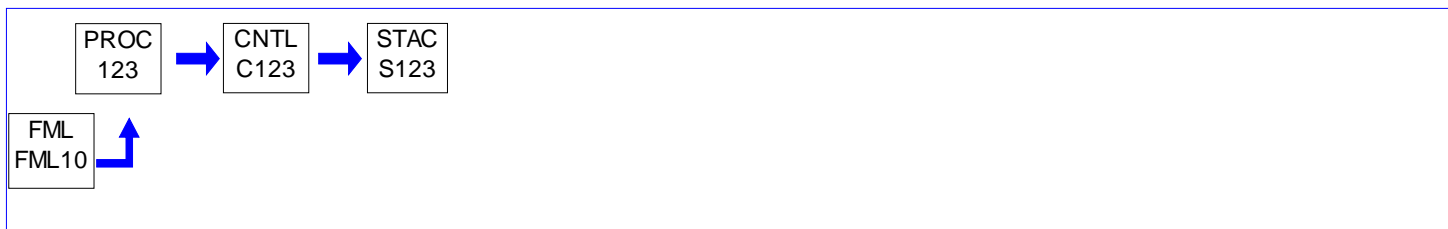
**SECTION D. Source Level Requirements**

Source ID: 123

Source Name: EGG WASTE DEHYDRATOR #5

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: EGG WASTE DEHYDRATOR #6

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 125

Source Name: EGG WASTE DEHYDRATOR #7

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

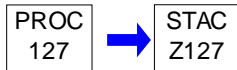
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 127

Source Name: B79 WASTE WATER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

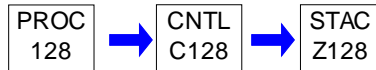
**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 128

Source Name: THREE (3) COOLING TOWERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION D. Source Level Requirements**

Source ID: 129

Source Name: DRY CHEMICAL WEIGH STATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***

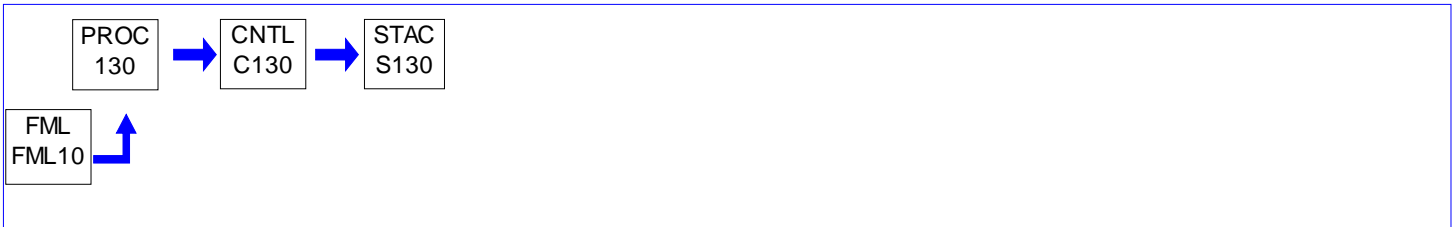
**SECTION D. Source Level Requirements**

Source ID: 130

Source Name: EGG WASTE DEHYDRATOR #8

Source Capacity/Throughput:

Conditions for this source occur in the following groups: GROUP 02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

**\*\*\* Permit Shield in Effect. \*\*\***



**SECTION E. Source Group Restrictions.**

Group Name: GROUP 01

Group Description: BOILERS

Sources included in this group

ID	Name
031	BOILER 1
032	BOILER 2
036	BOILER 3
039	BOILER 6
040	BOILER 7
041	BOILER 8
042	BOILER 9
043	BOILER 10

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) Pursuant to the Best Available Technology provision of 25 Pa. Code §§127.1 and 127.12(a)(5), each boiler is subject to the following air contaminant emission limitations.

## Pollutant

Nitrogen Oxides (NO <sub>x</sub> )	90 ppm <sub>dv</sub> at 3 % O <sub>2</sub> , while firing #2 fuel oil 30 ppm <sub>dv</sub> at 3 % O <sub>2</sub> , while firing natural gas
Carbon Monoxide (CO)	100 ppm <sub>dv</sub> at 3% O <sub>2</sub> ,

(b) The sulfur content of No.2 Fuel Oil shall not exceed 0.05% by weight at any time pursuant to the limitations of 25 Pa. Code, Chapter 123, Section 123.22(a)(2). This streamlined condition satisfies 40 CFR § 60.42c(d).

(c) Pursuant to the provision of 25 Pa. Code §123.11 (relating to combustion units), Particulate matter emissions from each boiler shall not be in excess of 0.4 pound per million Btu of heat input.

(d) Pursuant to the provision of 25 Pa. Code, Chapter 123, Section 123.41, & New Source Performance Standards (NSPS) Subpart Dc, the visible air contaminant from Boilers 3 & Boilers 6 - 10 shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20 % for a period or periods aggregating more than 3 minutes in any one hour; or equal to or greater than 27% at any time. This streamlined condition satisfies the applicable subpart in 40 CFR § 60.43c.

**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The annual volume of the #2 fuel oil combusted in the boilers is reduced from approximately 10 million total gallons to 1.65 million total gallons.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

**SECTION E. Source Group Restrictions.**

(a) The company shall monitor sulfur content in #2 Fuel Oil by certification from the fuel supplier for each shipment prior to any amount of fuel oil being combusted.

(b) The certification required by this condition may be based on sampling by the fuel supplier of the oil placed in storage in the tank or tanks from which the fuel supplier draws oil for shipment to the company.

**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall install and maintain the necessary meter(s) to determine and to record amount of fuel usage.

(b) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this plan approval. All measurements, records and other data required to be maintained by the company, including a determination of each emissions unit 12-month rolling total emissions and other records required by 40 CFR 52.21(aa)(13), shall be retained for at least five years following the date on which such measurements, records or data are recorded.

(c) The company shall maintain daily records for all boilers except Boiler 2 with heat inputs of 10 MMBtu/hr or greater indicating the fuel type, average hourly firing rate, and total quantity used in accordance with 40 CFR §60.48c(g). Records shall be kept for the fuel firing rates for the combustion units on a monthly basis in order to determine sulfur dioxide (SO<sub>2</sub>) emissions in accordance with 40 CFR §60.48c(d).

(d) The company shall maintain daily records for Boiler 2 indicating the fuel type, average hourly firing rate, and total quantity used. Records shall be kept for the fuel firing rates of the combustion unit on a monthly basis in order to determine sulfur dioxide (SO<sub>2</sub>) emissions.

**IV. RECORDKEEPING REQUIREMENTS.****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The company shall comply with the recordkeeping and certification requirements in accordance with 40 CFR §§60.46c(e), 60.42c(h) and 60.48c(f)(1). Reports shall be submitted on a quarterly basis unless no excess emissions occurred. If there are no excess emissions, the company shall semi-annually report that no excess emissions occurred during the semi-annual reporting period. The provisions of NSPS Subpart Dc (40 CFR 60.40c - 60.48c) do not apply to Boiler 2.

(b) The company shall maintain adequate records of changes made to the sources at the facility under this permit so as to ensure proper recordkeeping and reporting and shall update the facility emitting source list at the time of permit renewal.

**V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) These Boilers are subject to Subpart Dc of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart.

(b) 40 CFR §60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

**SECTION E. Source Group Restrictions.**

(c) #2 Fuel Oil Tank is subject to Subpart Kb of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart.

The provisions of NSPS Subpart Dc (40 CFR 60.40c - 60.48c) do not apply to Boiler 2.

**VI. WORK PRACTICE REQUIREMENTS.****# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) These Group 01 Sources may only be operated as long as the associated air pollution control devices are operated and maintained in accordance with the specifications set forth in this operating permit and in accordance with any conditions set forth herein.

(b) The company shall perform an annual adjustment and/or tune-up on the combustion process as per manufacturer specifications.

(c) The company shall maintain and operate boilers in accordance with the manufacturer's specifications and with good engineering practice.

**VII. ADDITIONAL REQUIREMENTS.****# 008 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

40 CFR 63.11237

These boilers are exempt from 40 CFR 63 Subpart JJJJJJ, if they meet the following requirement(s):

(a) The boilers shall only fire natural gas except during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

(b) Whenever the boilers are fired on anything other than natural gas, the facility shall keep records of the hours of operation and type of fuel used.

(c) If the conditions described above are not met, the facility shall immediately comply with the requirements of 40 CFR Part 63 Subpart JJJJJJ. The requirements of 40 CFR Part 63 Subpart JJJJJJ will remain in effect throughout the remaining term of the permit.

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 02

Group Description: EGG WASTE DEHYDRATORS

Sources included in this group

ID	Name
119	EGG WASTE DEHYDRATOR #1
120	EGG WASTE DEHYDRATOR #2
121	EGG WASTE DEHYDRATOR #3
122	EGG WASTE DEHYDRATOR #4
123	EGG WASTE DEHYDRATOR #5
124	EGG WASTE DEHYDRATOR #6
125	EGG WASTE DEHYDRATOR #7
130	EGG WASTE DEHYDRATOR #8

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) Pursuant to the Best Available Control Technology provision of 25 PA Code, Chapter 127, the dehydrators shall meet the following limitations:

- (1) Volatile Organic Compounds emission VOC emissions- less than 25 ppm concentration (measured as methane).
- (2) Total particulate emissions including PM10 shall not exceed 0.04 grains per dscf.
- (3) Sulfur Oxide emission shall not exceed 500 ppm.

**# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the provision of 25 PA Code, Chapter 123, Section 123.31, there shall be no malodors emissions from any operation related to any sources.

**# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Pursuant to the provision of 25 PA Code, Chapter 123, Section 123.41, the visible air contaminant from the dehydrators stack shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20 % for a period or periods aggregating more than 3 minutes in any one hour; or equal to or greater than 60% at any time.

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

If at any time the Department has cause to believe that air contaminant emissions from the aforementioned source(s) may be in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s). Such testing shall be conducted in accordance with the revisions of Chapter 139 of the Rules and Regulations Environmental Protection, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.

**III. MONITORING REQUIREMENTS.****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Temperature sensing and recording devices shall be installed to show that the minimum temperature maintained in the thermal oxidation chamber is 1,500 degree F, or at a new operating temperature that demonstrates compliance with the

**SECTION E. Source Group Restrictions.**

VOC emission limit in Condition 001, as verified through stack testing or otherwise approved by the Department.

**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall calibrate, maintain, and operate according to the manufacturer's specifications, the following equipment when operating the dehydrator's thermal oxidation chamber:

(a) A temperature monitoring device equipped with a continuous recorder and having an accuracy of (+/-) 1 percent of the temperature being measured expressed in degrees Celsius or degrees Fahrenheit (+/-) 0.5°C or (+/-) 0.9°F, whichever is greater.

**# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. The company shall ensure that the dehydrator thermal oxidation chamber shall be equipped with the applicable monitoring equipment and the monitoring equipment shall be installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

2. The operating temperature of the thermal oxidation chamber shall be continuously measured and recorded.

**IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall maintain records in accordance with the recordkeeping requirements of this permit and shall include as a minimum the following:

(a) The records shall provide sufficient data to clearly show VOC emissions emitted from these sources. These records shall be maintained for five (5) years.

**# 009 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The temperature shall be monitored and maintained at the minimum temperature achieved during the performance test in which compliance with the emission limitations was demonstrated. The average combustion temperature shall be measured at least every 15 minutes and averaged over the same time period of the performance test.

**V. REPORTING REQUIREMENTS.****# 010 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Any changes in the location of the aforementioned source(s), or any changes in the process or control equipment would be consider a modification and would require the submittal of a plan approval in accordance with the provisions of 25 PA Code 127.11 and 127.12.

**# 011 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Any notification as a result of any condition herein should be directed to:

Mark J. Wejkszner, P.E.  
Air Quality Program Manager  
Department of Environmental Protection  
2 Public Square  
Wilkes-Barre, PA 18701-1915

**# 012 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, recordkeeping and reporting errors, or other possible non-compliance issues which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

**SECTION E. Source Group Restrictions.**

(b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from the permit requirements.

(c) When the malfunction, recordkeeping and reporting errors, excess emissions or deviation from the permit requirements poses an imminent and substantial danger to the public health and safety or potential harm to the environment, the permittee shall notify the Department by telephone at (570) 826-2511 no later than one (1) hour after the incident.

(d) Any malfunction, recordkeeping and reporting errors, excess emissions or deviation from this plan approval requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (24) hours of discovery. In notifying the Department, the permittee shall describe the following:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction, recordkeeping and reporting errors, or breakdown;
- (iii) time when the malfunction, recordkeeping and reporting errors, or breakdown was first observed;
- (iv) expected duration of excess emissions;
- (v) estimated rate of emissions; and (vi) corrective actions or preventative measures taken.

(e) The permittee shall notify the Department within one day when corrective measures have been accomplished.

(f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emissions or deviations from this plan approval requirements.

**VI. WORK PRACTICE REQUIREMENTS.****# 013 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. The aforementioned source(s) may only be operated as long as the associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth there in.

2. The company shall maintain and operates the air pollution control equipment and sources in accordance with good engineering practice.

3. The company shall ensure that all openings are closed within the enclosures used to capture the VOC's from the processes and the control device is operated to the maximum extent practical for good manufacturing & engineering practices.

**# 014 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

A. In accordance with manufacturer's recommendations, complete maintenance once a year that includes:

- 1. Inspection and maintenance of the burner, which should be executed by qualified technician.
- 2. Cleaning of the ductwork within the system between the dehydration tank and combustion chamber.
- 3. A complete cleaning of the combustion chamber fan.

B. In accordance with general maintenance recommendations:

- 1. Conduct regular cleaning and lubrication of primary components including bearings and seals.
- 2. Perform regular, periodic checks of the combustion chamber fan, cooling fan and exhaust fan.

**VII. ADDITIONAL REQUIREMENTS.****# 015 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

**SECTION E. Source Group Restrictions.**

# 016 [25 Pa. Code §127.512]

**Operating permit terms and conditions.**

The thermal oxidation chamber shall be equipped, operated, and maintained with low NOx burner technology.

**\*\*\* Permit Shield in Effect. \*\*\***

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 03

Group Description: BOILERS (3)

Sources included in this group

ID	Name
046	BOILER 13
047	BOILER 14
048	BOILER 15

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. Pursuant to the Best Available Technology provision of 25 Pa. Code §§127.1 and 127.12(a)(5), each boiler is subject to the following air contaminant emission limitations.

Pollutant

Nitrogen Oxides (NOX)- 30 ppm<sub>dv</sub> at 3 % O<sub>2</sub>, while firing natural gasCarbon Monoxide (CO)- 100 ppm<sub>dv</sub> at 3% O<sub>2</sub>,

2. Pursuant to the provision of 25 Pa. Code §123.11 (relating to combustion units), Particulate matter emissions from each new boiler shall not be in excess of 0.4 pound per million Btu of heat input.

3. Pursuant to the provision of 25 Pa. Code, Chapter 123, Section 123.41, the visible air contaminant from the boilers shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20 % for a period or periods aggregating more than 3 minutes in any one hour; or equal to or greater than 60% at any time.

**II. TESTING REQUIREMENTS.****# 002 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

(a) If the results of a stack test, performed as required by this approval, exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(b) If the results of the required stack test exceed any limit defined in this permit, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the permit, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in this permit, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with this permit may be grounds for immediate revocation of the permit to operate the affected source.

**III. MONITORING REQUIREMENTS.****# 003 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. The company shall install and maintain the necessary meter(s) to determine and to record amount of fuel usage.

2. The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this permit. The file shall include, but not be limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject



**SECTION E. Source Group Restrictions.**

to this permit. All measurements, records and other data required to be maintained by the company, including a determination of each emissions unit 12-month rolling total emissions and other records required by 40 CFR 52.21(aa)(13), shall be retained for at least five (5) years following the date on which such measurements, records or data are recorded.

3. The company shall record and maintain records of the amount of natural gas combusted during each calendar month by each boiler in accordance with 40 CFR §60.48c(g)(1).

**IV. RECORDKEEPING REQUIREMENTS.****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. The company shall comply with the recordkeeping and certification requirements in accordance with 40 CFR §§60.46c(e), 60.42c(h) and 60.48c(f)(1). Reports shall be submitted on a quarterly basis unless no excess emissions occurred. If there are no excess emissions, the company shall semi-annually report that no excess emissions occurred during the semi-annual reporting period.

2. The company shall maintain adequate records of changes made to the sources at the facility under this permit so as to ensure proper recordkeeping and reporting and shall update the facility emitting source list at the time of permit renewal.

**# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall keep record on a monthly basis to verify compliance with pollutants emissions limitations in tons per year.

**V. REPORTING REQUIREMENTS.****# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. Boilers are subject to Subpart Dc of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR §60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Enforcement & Compliance Assurance Division  
Air, RCRA and Toxics Branch (3ED21)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, PA 19103-2852

**VI. WORK PRACTICE REQUIREMENTS.****# 007 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

1. The aforementioned source(s) may only be operated as long as the associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.

2. The company shall perform an annual adjustment and/or tune-up on the combustion process as per manufacturer specifications.

3. The company shall maintain and operates boilers in accordance with the manufacturer specification and with good engineering practice.

**VII. ADDITIONAL REQUIREMENTS.**

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

**\*\*\* Permit Shield in Effect. \*\*\***



## SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

(a) The Department received this modification to the operating permit for this facility on 09/23/2024.

The facility is required to pay an Annual Operating Permit Maintenance Fee in accordance with Pennsylvania Code, Title 25, Chapter 127, Section 127.704(d). The Annual Maintenance Fee is due on or before December 31 of each year for the next calendar year.

(b) The facility operated under Operating Permit #45-00005 before issuance of this permit.

(c) This Title V Permit incorporates the following Plan Approvals, General Permits and RACT Permits:

- Plan Approval No. 45-302-073 issued 02/13/2004 (previous PAL Permit).
- RACT No. 45-0005 issued 05/31,1996 and Plan Approval No. 45-302-078 issued 12/31/2012 for the Boilers and some Emergency Generators.
- GPs 45-329-001, 002, 003, 007, 011 Emergency Generators.
- Plan Approval No. 45-399-012 issued 08/01/1997 and Plan Approval No. 45-399-014 issued May 27, 2003 to install a replacement RTO.
- Plan Approval No. 45-399-016 issued 07/25/2006 for Egg Waste processing and Buffering Reagent Handling.
- Plan Approval No. 45-00005B issued 08/10/2016 for the installation and operation of influenza vaccine manufacturing equipment.
- Plan Approval No. 45-00005C issued 05/06/2016 for the installation and operation of two (2) natural gas fired boilers (49.00 MMBTU/hr each).

(d) The following is a list of sources that have been determined by the Department to be of minor significance under 25 Pa. Code, Chapter 127, Section 127.14(a)(8) and are exempt from plan approval requirements under §127.11 and §127.12. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

The following Request for Determinations (RFD's) have been issued for the facility. A number of RFD's that were withdrawn after the projects were cancelled are not listed:

- RFD\*Online #246; 12/17/2007 - Temporary boiler in Building 28.
- RFD\*Online #882; 05/22/2009 - Burner replacement for Boiler 6 in Building 58 (Never installed).
- 45-0309 (RFD\*Online #961; 07/10/2009) - Increased production of Process 104 (Thermal Egg Dryer) and associated control device 104 (regenerative thermal oxidizer), in Building 37.
- 45-0311 (RFD\*Online #990; 07/29/2009) - Addition of 9 HEPA filter systems to the influenza vaccine process during the renovation of Building 37.
- 45-0312 - Temporary back-up portable emergency generator.
- 45-0313 - Temporary emergency generator.
- 45-0315 (RFD\*Online #1099; 02/05/2010) - Addition of HEPA filter system to the cart washer exhaust in the influenza vaccine process during the renovation of Building 37.
- 45-0316 (RFD\*Online #1309; 02/22/2010) - Replacement of cooling tower as part of Building 37.
- 45-0322 (RFD\*Online #1472; 06/22/2010) - Liquid Bio-waste Tank and Fermenter Vent (Building 46) for the addition of a 0.2 micrometer vent filter followed by a 220 degree C thermal inactivator.
- 45-0326 - Temporary emergency portable generator.
- 45-0330 (RFD\*Online #1895; 01/03/2011) - Meninge process fume hood.
- 45-0334 (RFD\*Online #2122; 04/27/2011) - Carbon canister for odor control in Building 55.
- 45-0335 - Temporary portable emergency generator.
- 45-0347 - Temporary emergency generator.
  
- 45-0366 (RFD\*Online #3217; 11/08/2012) - Parts washer with exhaust controlled by HEPA filter in Building 37.
- RFD\*Online #961; 07/10/2009 Vent from vaccine formulation & filling in Building 77.
- RFD\*Online #4864; 02/03/2015 Burner replacements for Boilers 6 -10 in Building 58.
- RFD Issued 09/12/2001 - Temporary emergency generator for Building 37 (possibly listed above).
- RFD Issued 09/12/2001 - Emergency generator for Building 29 (possibly listed above) (Withdrawn 03/2003).
- RFD Issued 09/12/2001 - Emergency generator for water supply (possibly listed above) (Installation indefinitely postponed 03/2003).
- RFD Issued 09/12/2001 - Emergency generator for Building 21 (possibly listed above).
- RFD Issued 05/06/2002 - Temporary emergency generator located outside Building 6, limited to 500 hours per year.
- RFD Issued 11/18/2002 - Ventilation system in Building 53.
- RFD Issued 03/06/2003 - Two 200-hp temporary boilers for Building 56.

**SECTION H. Miscellaneous.**

RFD Issued 03/06/2003 - Emergency generator for Building 58 (possibly listed above).  
RFD Issued 03/06/2003 - Emergency generator for WWTP in Building 29 (possibly listed above).  
RFD Issued 10/27/2004 - Emergency generator #2 in Building 45, 200kW and will operate less than 200 hours.  
RFD Issued 01/12/2005 - Emergency generator in Building 57.  
RFD Issued 07/05/2005 - Emergency generator in Building 60.  
RFD Issued 08/05/2005 - Waste ethanol tank outside Building 56.  
RFD Issued 08/05/2005 - Waste phenol tank in Building 56.  
RFD Issued 08/05/2005 - Waste ethanol tank outside Building 46.  
RFD Issued 08/05/2005 - Ethanol supply tank outside Building 56.  
RFD Issued 08/05/2005 - Phenol totes in Building 56.  
RFD Issued 08/05/2005 - Mercury waste holding tank in Building 49.  
RFD circa 08/1995 - HEPA filters in Building 26.  
RFD circa 08/1995 - HEPA filters in Building 4.  
RFD circa 08/1995 - HEPA filters in Building 28.  
RFD circa 08/1995 - Bag filter in Building 46.  
RFD circa 11/1995 - 0.2 um filter on fill system vent in Building 37.  
RFD circa 11/1995 - 0.2 um filter on fermenter vent in Building 28.  
RFD circa 08/1996 -HEPA filters in Building 9.  
RFD circa 10/1996 -Use of VHP (H2O2) for sterilization plantwide.  
RFD circa 05/1997 -Boilers 1 & 2 in Building 20 limited sulfur content to 0.5% (New Line).  
RFD circa 10/2002 No.2 oil fume ventilation from sub-floor in Building 53.  
RFD circa 05/2006 - Temporary emergency generator for Building 37 (possibly listed above)  
RFD circa 10/2006 - HEPA filters in Building 37.

RFD #45-0381; RFD\*Online #4660; 9/24/2014; B77 formulation & filling BSL-2 lab exhausts.  
RFD #45-0382 issued 02/03/2015 burner replacement.  
RFD #45-0384; RFD\*Online #4995; 4/10/2015; Replacement of B53/B55 emergency generator.  
RFD #45-0385; RFD\*Online #5085; 5/12/2015; Temporary generator for B53/B55 during replacement & relocation of permanent generator (since removed).  
RFD #45-0387; RFD\*Online #5239; 8/20/2015; Temporary generator for B77 pending permanent generator installation (since removed).  
RFD #45-0389; RFD\*Online #5362; 10/7/2015; Temporary generator installed during repair of B45/B50 emergency generator (since removed).  
RFD #45-0392 issued 11/25/2015 for two Caterpillar 3516C-HD TA 2500-kWe emergency generators for B79.  
RFD #45-0393; RFD\*Online #5587; 2/29/2016; Temporary generator for B77 operation extended to provide for B77 and B57 during equipment reconfiguration (since removed).  
RFD #45-0395; RFD\*Online #5695; 5/3/2016; GCI laboratory exhausts in B55 venting labs indoors.  
RFD #45-0399; RFD\*Online #5856; 9/8/2016; B59 egg waste dryer replacement with stainless steel unit.  
RFD #45-0400; RFD\*Online #5963; 10/4/2016; temporary generator for B77 project support trailers during repair of switch gear.  
RFD #45-0401; RFD\*Online #5996; 11/9/2016; 2 800-hp, natural-gas fired temporary rental boilers during replacement of steam line to B59.  
RFD #45-0402; RFD\*Online #6011; 11/17/2016; Temporary generator to provide lighting during construction of B79 & B80 (since removed).  
RFD #45-0403; RFD\*Online #6020; 12/6/2016; Replacement of B57 emergency generator with the former B53/B55 emergency generator to provide emergency power for B57 & B77.  
RFD #45-0406; RFD\*Online #6238; 4/10/2017; B75 Quality Control fume hoods & biosafety cabinets.  
RFD #45-0407; RFD\*Online #6283; 4/25/2017; B79 DMI Dehydrator #8 to process egg waste.  
RFD #45-0408; RFD\*Online #6285; 4/25/2017; Substitute B80 cooling towers model approved under Plan Approval 45-00005B to three Evapco Model UT-224-4018, 4500-gpm, 1500-ton cooling, towers.  
RFD #45-0409; RFD\*Online #6286; 4/25/2017; Substitute B80 boilers approved under Plan Approval 45-00005C to three 800-hp (32.7 MMBtu/hr) Cleaver Brooks CBEX Boilers firing natural gas with No. 2 oil capability.  
RFD #45-0410; 4/25/2017 Substitute B79 emergency generators approved under RFD #45-0392 to Caterpillar C175-16 SCAC 3000-kWe generator and a Caterpillar C32 ATAAC 1000-kWe generator.  
RFD #45-0412; RFD\*Online #6367; 6/29/2017; B55 Global Clinical Immunology (GCI) labs BSL-2 and BSL-3 laboratory fume hoods and biosafety cabinets on second & third floors.  
RFD #45-0414; RFD\*Online #6478; 8/11/2017; Move Meninge conjugate processing and associated laboratory hood exhausts from Bldg. 46 to Bldg. 56.

RFD\*Online 6657; 10/25/2017; Temporary WWTP Pump Engine (since removed).” (Note: RFD\*Online 6653; Substitute B80 boilers

**SECTION H. Miscellaneous.**

approved under Plan Approval 45-00005C and RFD #45-0409/RFD\*Online #6286 for three 800-hp (33.4 MMBtu/hr.) Superior Boiler Works Mohican Boilers firing natural gas.

**RACT II**

The potential emissions of NOx are limited to below 100 tpy by the facility's PAL permit (Plan Approval No. 45-00005A issued 12/04/2014). The potential emissions of VOC have never exceeded 50 tpy. Therefore, Pursuant to 25 Pa. Code §129.96, the Sanofi Swiftwater Facility is not subject to the NOx requirements or the VOC requirements of the RACT II regulations.

**Reference |**

Determination Basis Status Description of Activity / Purpose Submission Date Decision Date Comment | Notes

45-0334  
(RFD\* Online 2122) UPDATE LIST Carbon canisters providing odor control of new Building 55 Clostridium difficile process vents. 4/26/2011, 4/27/2011

SOURCE VOID | Operations were never fully brought on-line.

NOTE: The system/activity for which this RFD was initiated never fully came into use as planned. As such, operations were fully suspended in mid-2015. Since that time the facilities have been effectively unused; with plans to repurpose the area and remove the equipment. B55.

**RFD\*Online 6653 ADDITION**

Substitute B80 boilers approved under Plan Approval 45-00005C and RFD #45-0409/RFD\*Online #6286 to three 800-hp (33.4 MMBtu/hr.) Superior Boiler Works Mohican Boilers firing natural gas 10/13/2017 12/12/2017 Determination Rendered | Plan approval not required. B80.

**45-7264 ADDITION**

Seven (7) natural gas-fired air handling units (AHUs) are being installed in Building 80, the permitted new central utility building, to provide space heating. 9/10/2018 9/14/2018

Determination of eligibility for exemption from Plan Approval and/or Operating Permit has been rendered. B80.

**RFD\*Online 7747 ADDITION Odor Control System for the egg waste handling and treatment area 5/2/2019 5/9/2019**

Determination Rendered | A plan approval is not required for this source (See 25 Pa. Code Section 127.14(a)(1)-(9)). B79.

**RFD\*Online 8154 ADDITION DMI Operating Temperature Change 12/4/2019 12/9/2019**

Determination Rendered | A plan approval is not required for this source (See 25 Pa. Code Section 127.14(a)(1)-(9)). B79

**RFD\*Online 8140 ADDITION DMI Operating Cycle Change 4/1/2020 4/8/2020**

Determination Rendered | A plan approval is not required for this source (See 25 Pa. Code Section 127.14(a)(1)-(9)). B79.

**RFD\*Online 8509 ADDITION Diesel oil-fired emergency generator for Seed Lab 6/22/2020 6/23/2020**

Determination Rendered | A plan approval is not required for this source (See 25 Pa. Code Section 127.14(a)(1)-(9)). B78

NOTE: Generator included in list of active emergency generators identified within TVOP PROC 103 source referenced exhibit.

**RFD\*Online 9186 ADDITION Installation of diesel-fired fire water pump - East Campus 6/15/2021 6/16/2021**

Determination Rendered | A plan approval is not required for this source (See 25 Pa. Code Section 127.14(a)(1)-(9)). B82.

**RACT III IS NOT APPLICABLE**

This Title V Operating Permit minor modification removes the Plantwide Applicability Limit (PAL) conditions within the Title V Operating Permit for the Swiftwater Facility that expires August 30, 2028. It was determined that the PAL is no longer required because #2 fuel oil is no longer the primary fuel source for the current boilers due to the improved, reliable, availability of natural gas.



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

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