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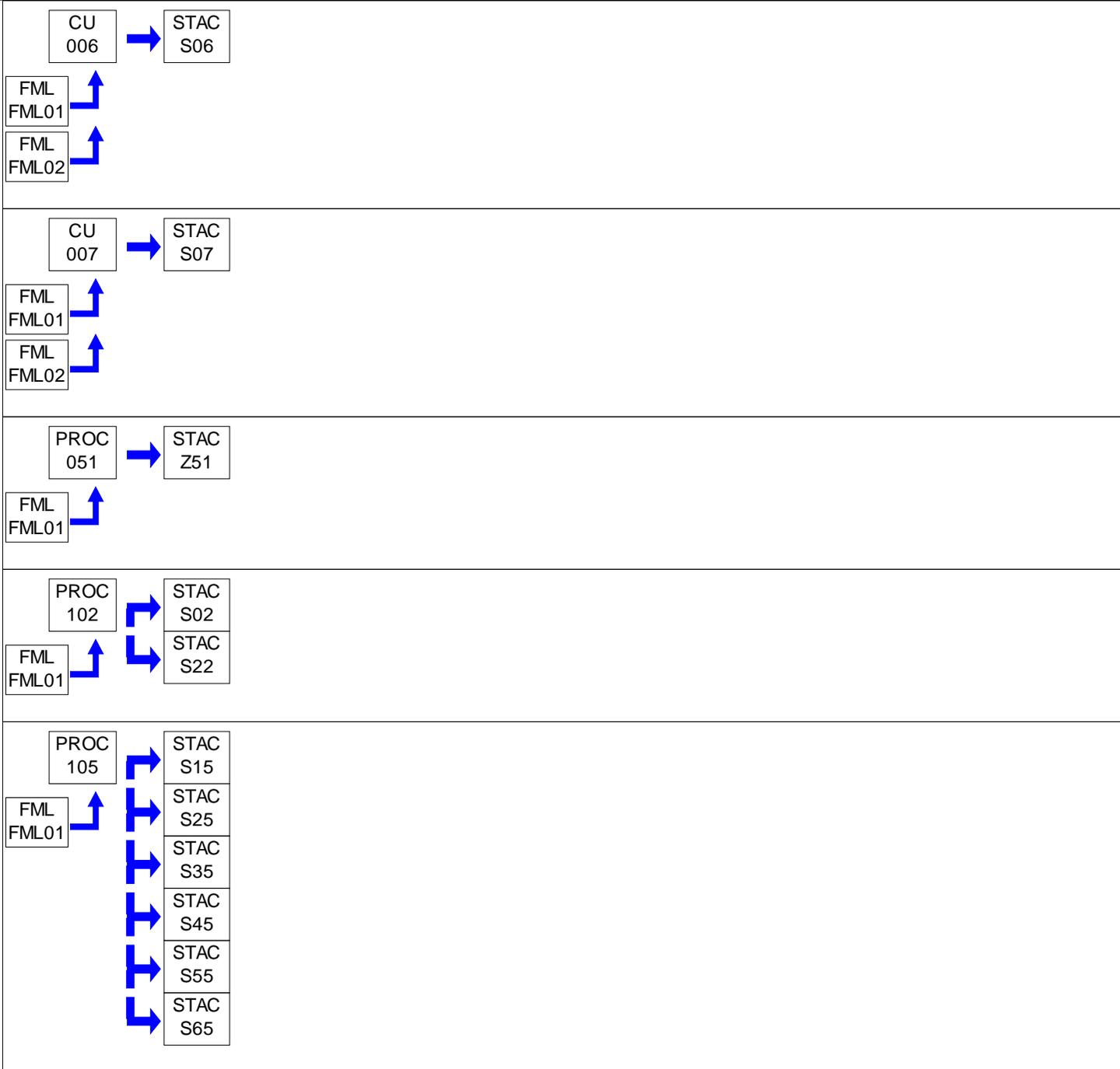
Source ID	Source Name	Capacity/Throughput		Fuel/Material
006	BOILER 6	11.700	MMBTU/HR	
		84.500	Gal/HR	#2 Oil
		11,250.000	CF/HR	Natural Gas
007	BOILER 7	11.700	MMBTU/HR	
		84.500	Gal/HR	#2 Oil
		11,250.000	CF/HR	Natural Gas
051	EMERGENCY GENERATOR SETS (2)	192.310	CF/HR	Natural Gas
102	#7 SATURATOR	8,173.000	CF/HR	Natural Gas
		12.600	Lbs/HR	SOLVENT/COATING
105	#10 COATER	15,961.500	CF/HR	Natural Gas
		22.000	Lbs/HR	SOLVENT/COATING
201	SOLVENT CLEANING OPERATION	4.000	Lbs/HR	SOLVENT
202	STRIP-COATING OPERATION	2.200	Lbs/HR	SOLVENT
208	REMOTE RESERVOIR PARTS WASHER		N/A	SOLVENT NAPHTHA
301	GRAPHIC ARTS LINE 1	1,923.000	CF/HR	Natural Gas
		81.600	Lbs/HR	SOLVENT/COATING
302	GRAPHIC ARTS LINE 2	4,615.000	CF/HR	Natural Gas
		81.600	Lbs/HR	SOLVENT/COATING
303	#11 COATER	12,019.000	CF/HR	Natural Gas
		400.000	Gal/HR	COATING
FML01	NATURAL GAS PIPELINE			
FML02	15,000-GAL NO. 2 FUEL OIL ABOVEGROUND STORAGE TANK (AST)			
S02	#7 SATURATOR STRAIGHT PASS OVEN STACK			
S06	BOILER 6 STACK			
S07	BOILER 7 STACK			
S15	#10 COATER STACK			
S22	#7 SATURATOR STEAM CAN STACK			
S25	#10 COATER SMALL OVEN STACK			
S31A/B	GRAPHIC ARTS LINE 1 FLEX/ROTO DRYERS STACK			
S32A	GRAPHIC ARTS LINE 2 MEYER ROD DRYER STACK			
S32B	GRAPHIC ARTS LINE 2 FLEX DRYER STACK			
S32C	GRAPHIC ARTS LINE 2 ROTO DRYER STACK			
S35	#10 COATER BOX STACK			
S41A	#11 COATER SMALL DRYER STACK			
S41B	#11 COATER BIG DRYER STACK			
S45	#10 COATER SUCTION EXHAUST			
S55	#10 COATER BIG OVEN STACK			
S65	#10 COATER BIG OVEN STACK			
Z01	SOLVENT CLEANING OPERATION FUGITIVE EMISSIONS			
Z02	STRIP-COATING OPERATION FUGITIVE EMISSIONS			



SECTION A. Site Inventory List

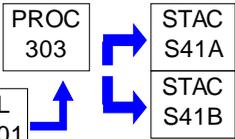
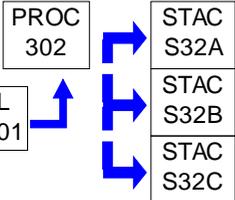
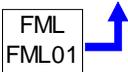
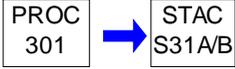
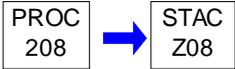
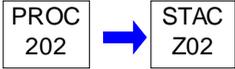
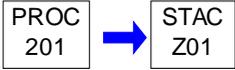
Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z08	REMOTE RESERVOIR PARTS WASHER FUGITIVE EMISSIONS		
Z51	EMERGENCY GENERATOR SETS FUGITIVE EMISSIONS		

PERMIT MAPS





PERMIT MAPS



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

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

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

(a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). 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.

(d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

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

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

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

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

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

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

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

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

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

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

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14 (see Condition # 007(a)–(g), Section C, of this permit).
- (g) Sources and classes of sources other than those indicated in (a)–(f), above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive air contaminant emissions from the sources, after appropriate controls, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution.
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

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

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

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

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

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

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

006 [25 Pa. Code §123.42]**Exceptions**

The emission restrictions specified in 25 Pa. Code § 123.41 (see Condition # 005(a)–(b), Section C, of this permit) shall

**SECTION C. Site Level Requirements**

not apply to a visible air contaminant emission in either of the following instances:

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

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

The permittee shall ensure that emission into the outdoor atmosphere of volatile organic compounds (VOCs) from this facility occurs in such a manner that the rate of the emission is less than 25 tons/yr, calculated monthly as a 12-month rolling sum.

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

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

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

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

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

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

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

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.

**SECTION C. Site Level Requirements**

(b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

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

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

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

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

(c) After 6 months of daily monitoring, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to weekly.

(d) After 6 months of weekly monitoring, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

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

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

The permittee shall calculate the total VOC emissions from this facility on a monthly and 12-month rolling basis, using a Department-approved method(s).

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

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

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

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

- (1) A description of the deviation.
- (2) The source(s) and/or associated air pollution control device(s) and location(s).

**SECTION C. Site Level Requirements**

- (3) The duration (including the starting and ending date(s) and times).
 - (4) The cause(s).
 - (5) The corrective action(s) taken, if necessary to abate the situation and prevent future occurrences.
- (b) The permittee shall maintain records of the monitoring in a Department-approved format and time frame.

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

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

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

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

The permittee shall maintain records of the total VOC emissions from this facility on a monthly and 12-month rolling basis, calculated using a Department-approved method(s).

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.10(b)(2)(ii) and (iv)(B), 63.6650(c)(4), and 63.6655(a)(2) and (5); and 25 Pa. Code §§ 127.35(b) and 127.511(c)(2).]

- (a) The permittee shall report malfunctions, emergencies, or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility, which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly-designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency, or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department by telephone at 484-250-5920, as well as to the County Emergency Management Agency by telephone, within 1 hour after the discovery of the malfunction, emergency, or incident of excess emissions. The owner or operator shall submit a written or e-mailed report of instances of such malfunctions, emergencies, or incidents of excess emissions to the Department within 3 business days of the telephone report.
- (c) The report shall describe the following:
 - (1) The name, permit or authorization number, and location of the facility.
 - (2) The nature and cause of the malfunction, emergency, or incident.
 - (3) The date and time when the malfunction, emergency, or incident was first observed.

**SECTION C. Site Level Requirements**

(4) The expected duration of excess emissions.

(5) The estimated rate of emissions.

(6) The corrective actions or preventative measures taken.

(d) Any malfunction, emergency, or incident of excess emissions that is not subject to the notice requirements specified in (b), above, shall be reported to the Department by telephone at 484-250-5920 within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within 5 business days of discovery. The report shall contain the information listed in (c)(1)–(6), above, and any permit-specific malfunction reporting requirements.

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

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

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

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

[Additional authority for this permit condition is derived from 40 CFR Part 68 and 25 Pa. Code § 127.443(b).]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with all applicable provisions of the Clean Air Act, 40 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) that meets all applicable provisions 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 threshold quantity at this facility. The permittee shall submit the RMP to the EPA 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 (3) years after the date on which a regulated substance is first listed in 40 CFR § 68.130.

(ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or 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 all applicable provisions 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 this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall

**SECTION C. Site Level Requirements**

perform the following:

- (1) Submit a compliance schedule for satisfying all applicable provisions of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a).
- (2) Certify that the facility is in compliance with all applicable provisions of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If the facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 CFR § 68.200.
- (f) When the facility is subject to the accidental release program provisions of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.1(c).]

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

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces that may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved roads or 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 §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR §§ 63.6(e)(1)(i) and 63.6625(e)(2); and 25 Pa. Code §§ 127.35(b), 127.443(b), 127.444, 129.93(c)(1) and (5), 129.97(c)(2), and 129.112(c)(2).]

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

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

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air pollution control device(s), if necessary, to reduce the air contaminant emissions to within applicable restrictions, if at any time the operation of a source(s) listed in Sections A or H, of this permit, is causing the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Part I, Subpart C, Article III.

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

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

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 006

Source Name: BOILER 6

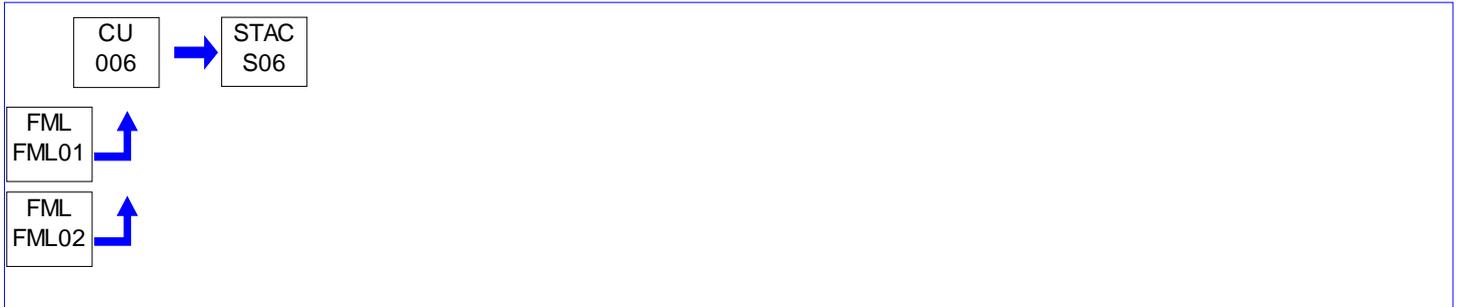
Source Capacity/Throughput: 11.700 MMBTU/HR

84.500 Gal/HR

#2 Oil

11,250.000 CF/HR

Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.22(e)(2).]

(a) The permittee shall ensure that natural gas and No. 2 fuel oil are the only fuels consumed by this boiler.

(b) The sulfur content of the No. 2 fuel oil consumed by the boiler shall not exceed 15 ppm (0.0015%, by weight), except as specified in 25 Pa. Code § 123.22(e)(2)(ii)–(iii).

(c) The permittee shall ensure that the boiler consumes No. 2 fuel oil only during periods of gas curtailment or supply interruption,¹ startups, or periodic testing on No. 2 fuel oil. The periodic testing on No. 2 fuel oil shall not exceed 48 hours during any calendar year.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.22(e)(1) and that the permittee will not be subject to the provisions of 40 CFR Part 63, Subpart JJJJJ.]

¹ As defined in 40 CFR § 63.11237.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The following testing requirements are applicable to each shipment of No. 2 fuel oil consumed by this boiler:

(1) A fuel sample shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the permittee shall collect the sample employing the procedures and equipment specified in ASTM International (ASTM) Standards D4057 or D4177, as appropriate.

**SECTION D. Source Level Requirements**

(2) Unless an alternative method(s) is approved by the Department, in writing, only ASTM Standards D129, D1266, D1552, D2622, or D4294 may be used to determine the sulfur content of the No. 2 fuel oil.

(b) The testing requirements indicated in (a)(1)–(2), above, shall be waived for a given shipment of No. 2 fuel oil in the event that the permittee obtains either a laboratory analysis or other certification (e.g., delivery receipt) from the fuel supplier indicating the sulfur content or maximum sulfur content of the No. 2 fuel oil.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The hours of operation on a monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.
- (c) The following when consuming No. 2 fuel oil:
 - (1) The type(s) of operation, on an operating day basis.
 - (2) The hours of operation when performing periodic testing, on a monthly and annual (i.e., calendar-year) basis.
 - (3) The amount of No. 2 fuel oil consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The hours of operation on a monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.
- (c) The following when consuming No. 2 fuel oil:
 - (1) The type(s) of operation, on an operating day basis.
 - (2) The hours of operation when performing periodic testing, on a monthly and annual basis.
 - (3) The amount of No. 2 fuel oil consumed on a monthly basis.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of No. 2 fuel oil received for this boiler. The laboratory analysis or other certification shall specify the maximum sulfur content (% by weight, or ppm, by weight) of the No. 2 fuel oil.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a natural gas- (primary fuel) and No. 2 fuel oil- (auxiliary fuel) fired boiler, model no. SPH-350-N6, manufactured by York-Shipley. The boiler is rated at 11.71 mmBtu/hr heat input.

**SECTION D. Source Level Requirements**

Source ID: 007

Source Name: BOILER 7

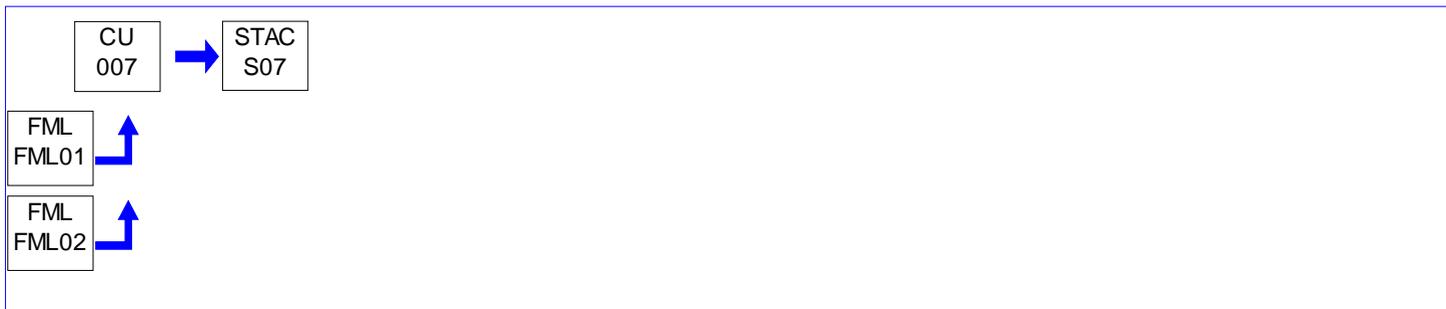
Source Capacity/Throughput: 11.700 MMBTU/HR

84.500 Gal/HR

#2 Oil

11,250.000 CF/HR

Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 123.22(e)(2).]

- (a) The permittee shall ensure that natural gas and No. 2 fuel oil are the only fuels consumed by this boiler.
- (b) The sulfur content of the No. 2 fuel oil consumed by the boiler shall not exceed 15 ppm (0.0015%, by weight), except as specified in 25 Pa. Code § 123.22(e)(2)(ii)–(iii).
- (c) The permittee shall ensure that the boiler consumes No. 2 fuel oil only during periods of gas curtailment or supply interruption, startups, or periodic testing on No. 2 fuel oil. The periodic testing on No. 2 fuel oil shall not exceed 48 hours during any calendar year.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.22(e)(1) and that the permittee will not be subject to the provisions of 40 CFR Part 63, Subpart JJJJJ.]

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The following testing requirements are applicable to each shipment of No. 2 fuel oil consumed by this boiler:
- (1) A fuel sample shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the permittee shall collect the sample employing the procedures and equipment specified in ASTM Standards D4057 or D4177, as appropriate.
 - (2) Unless an alternative method(s) is approved by the Department, in writing, only ASTM Standards D129, D1266, D1552,

**SECTION D. Source Level Requirements**

D2622, or D4294 may be used to determine the sulfur content of the No. 2 fuel oil.

(b) The testing requirements indicated in (a)(1)–(2), above, shall be waived for a given shipment of No. 2 fuel oil in the event that the permittee obtains either a laboratory analysis or other certification from the fuel supplier indicating the sulfur content or maximum sulfur content of the No. 2 fuel oil.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The hours of operation on a monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.
- (c) The following when consuming No. 2 fuel oil:
 - (1) The type(s) of operation, on an operating day basis.
 - (2) The hours of operation when performing periodic testing, on a monthly and annual basis.
 - (3) The amount of No. 2 fuel oil consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The hours of operation on a monthly basis.
- (b) The amount of natural gas consumed on a monthly basis.
- (c) The following when consuming No. 2 fuel oil:
 - (1) The type(s) of operation, on an operating day basis.
 - (2) The hours of operation when performing periodic testing, on a monthly and annual basis.
 - (3) The amount of No. 2 fuel oil consumed on a monthly basis.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the corresponding laboratory analysis or other certification from the fuel supplier for each shipment of No. 2 fuel oil received for this boiler. The laboratory analysis or other certification shall specify the maximum sulfur content (% by weight, or ppm, by weight) of the No. 2 fuel oil.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

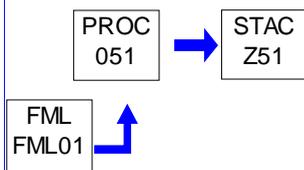
This source consists of a natural gas- (primary fuel) and No. 2 fuel oil- (auxiliary fuel) fired boiler, model no. SPH-350-6-112082, manufactured by York-Shipley. The boiler is rated at 11.71 mmBtu/hr heat input.

**SECTION D. Source Level Requirements**

Source ID: 051

Source Name: EMERGENCY GENERATOR SETS (2)

Source Capacity/Throughput: 192.310 CF/HR Natural Gas

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

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from each of the engines of these emergency generator sets occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 grains per dry standard cubic foot (gr/dscf).

Fuel Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that natural gas is the only fuel consumed by the engines of these emergency generator sets. The application of any other fuels shall be approved by the Department prior to their application.

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

[Additional authority for this permit condition is derived from 40 CFR § 63.6640(f)(1)–(2) and (4)(ii)(A)–(E); and 25 Pa. Code §§ 127.35(b), 129.93(c)(5), 129.97(c)(8), and 129.112(c)(10).]

The permittee shall ensure that each of the engines of these emergency generator sets is operated in compliance with the following operating hours restrictions:

- (a) A total operating time of less than 500 hours per year, calculated monthly as a 12-month rolling sum.
- (b) A total operating time of less than or equal to 50 hours per calendar year for non-emergency situations, except that the following operations are prohibited:
 - (1) Peak shaving.
 - (2) Demand response.
 - (3) Supplying power to an electric grid to generate income, or otherwise supplying power as part of a financial arrangement with another entity, unless all of the following conditions are met:²
 - (i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

² On September 23, 2015, the U.S. Court of Appeals for the District of Columbia Circuit granted the United States Environmental Protection Agency's (EPA's) motion for voluntary remand without vacatur of the provisions of 40 CFR § 63.6640(f)(4)(ii)(A)–(E), which are the basis of the requirements indicated in (b)(3)(i)–(v), above.

**SECTION D. Source Level Requirements**

(ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(iii) The dispatch is in accordance with reliability, emergency operation, or similar protocols that follow specific North American Electric Reliability Corporation (NERC), regional, state, public utility commission, or local standards or guidelines.

(iv) The power is provided only to the facility itself or to support the local transmission and distribution system.

(v) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission, or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee.

(c) A total operating time of less than or equal to 100 hours per calendar year for the following purposes:

- (1) Any maintenance checks, including readiness testing and tune-ups.
- (2) The non-emergency situations indicated in (b), above.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for each of the engines of these emergency generator sets:

- (a) The type(s) of operation (i.e., those indicated in Condition # 003(c)(1)–(2), Section D (under Source ID 051), of this permit), on an operating day basis.
- (b) The following hours of operation, on an operating day basis:
 - (1) The hours of operation for each type of operation.
 - (2) The total hours of operation.
- (c) The amount of natural gas consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR § 63.6655(f)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the following operating parameters for each of the engines of these emergency generator sets:

**SECTION D. Source Level Requirements**

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

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

The permittee shall maintain records of the manufacturer's emission-related written instructions (or operating manual) for the engines of these emergency generator sets.

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

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

The permittee shall maintain records of the following for each of the engines of these emergency generator sets:

- (a) All notifications required to comply with all applicable provisions of 40 CFR Part 63, Subpart ZZZZ (along with all supporting documentation).
- (b) All maintenance performed. These records shall contain, at a minimum, the following:
 - (1) The date and time of the maintenance.
 - (2) The reading on the hour-meter of the emergency generator set.
 - (3) The type of maintenance performed.
- (c) All oil analyses performed as part of the oil analysis program specified in Condition # 010(b)(1)–(4), Section D (under Source ID 051), of this permit. These records shall contain, at a minimum, the following for each oil analysis:
 - (1) The date that the oil analysis is performed.
 - (2) The parameters analyzed.
 - (3) The date that the results of the oil analysis are received.
 - (4) The results of the analysis.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.6625(e)(2) and 63.6640(a), and 25 Pa. Code §§ 127.35(b) and 127.444.]

**SECTION D. Source Level Requirements**

(a) The permittee shall ensure that each of the engines of these emergency generator sets is operated and maintained in accordance with the manufacturer's emission-related written instructions.

(b) The permittee shall not change any emission-related settings on the engines.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall operate and maintain a non-resettable hour meter for each of these emergency generator sets.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall ensure that each of the engines of these emergency generator sets is operated and maintained in accordance with the following practices:

(1) The amount of time spent at idle during startup is minimized.

(2) The total amount of startup time is minimized to that needed to ensure appropriate and safe loading of the engine, but no greater than 30 minutes.

(3) Except as specified in (b)(3), below, the oil and filter are changed every 500 hours of operation or on an annual basis, whichever comes first.

(4) The spark plugs are inspected every 1,000 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.

(5) All hoses and belts are inspected every 500 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.

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

(1) The oil analysis shall be performed at the same frequency as specified in (a)(3), above, for changing the oil.

(2) The oil analysis shall be performed for at least the following parameters, so that compliance with the following condemning limits can be determined:

(i) Total Acid Number: Increases by greater than 3.0 milligrams of potassium hydroxide (KOH) per gram from the Total Acid Number of the oil when new.

(ii) Viscosity: Changed by greater than 20% from the viscosity of the oil when new.

(iii) Percent water (by volume): Greater than 0.5.

(3) If none of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded, the permittee is not required to change the oil.

(4) If any of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded, the permittee shall change the oil within 2 business days after receiving the results of the analysis, or before commencing operation, whichever is later.

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

(a) This source grouping consists of two emergency generator sets, model nos. 5.0CCK-3CR31/8500V and 5.0CCK-3CR/12V, both manufactured by Onan Division of Onan Corp. Each emergency generator set is rated at 5 ekW power output.

(b) Each emergency generator set is equipped with a natural gas-fired internal combustion engine, model no. CCK, also manufactured by Onan Division of Onan Corp. Each engine is rated at 10 bhp power output and has a displacement of 0.408 liters per cylinder.

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

The engines of these emergency generator sets, as specified in Condition # 011(b), Section D (under Source ID 051), of this permit, are subject to, and shall comply with all applicable provisions of, 40 CFR Part 63, Subpart ZZZZ. In accordance with 40 CFR § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both EPA and the Department. The EPA copies shall be forwarded to:

Associate Director
Enforcement and Compliance Assistance Division
Air, RCRA and Toxics Branch (3ED21)
U.S. EPA, Region III
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: #7 SATURATOR

Source Capacity/Throughput: 8,173.000 CF/HR
12.600 Lbs/HRNatural Gas
SOLVENT/COATING**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from this saturator occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

Sampling and testing shall be done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139 (relating to sampling and testing).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall use data from facility Formula Data Sheets, Certified Product Data Sheets (CPDSs), and/or Safety Data Sheets (SDSs) to calculate the VOC emissions from this source.

(b) As an alternative to using the data sheets in (a), above, the permittee may use EPA Method 24 to determine the VOC content of each as applied coating and/or each as supplied raw material.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

(b) The permittee shall monitor the hours of operation for this saturator on a monthly basis.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following for this saturator on a per-job basis:

(a) The following parameters for each as supplied coating component:

- (1) The coating name and identification number.
- (2) The volume used.

**SECTION D. Source Level Requirements**

- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The volume of solids.
- (6) The weight percent of total volatiles, water, solids, and exempt solvents.
- (b) The VOC content of each as supplied coating component.
- (c) The VOC content of each as applied coating.

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

- (a) The permittee shall maintain records of the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.
- (b) The permittee shall maintain records of the hours of operation for this saturator on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

- (a) The permittee shall maintain records of the following for this saturator on a per-job basis:
 - (1) The following parameters for each as supplied coating component:
 - (i) The coating name and identification number.
 - (ii) The volume used.
 - (iii) The mix ratio.
 - (iv) The density or specific gravity.
 - (v) The volume of solids.
 - (vi) The weight percent of total volatiles, water, solids, and exempt solvents.
 - (2) The VOC content of each as supplied coating component.
 - (3) The VOC content of each as applied coating.
- (b) The records maintained shall be sufficient to demonstrate compliance with 25 Pa. Code § 129.52b.

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

The permittee shall maintain the VOC content of each as applied coating used in this saturator at or below 4.84 lb VOC/gal of coating solids.

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

This source consists of a saturator and two associated natural gas-fired drying ovens, as follows:

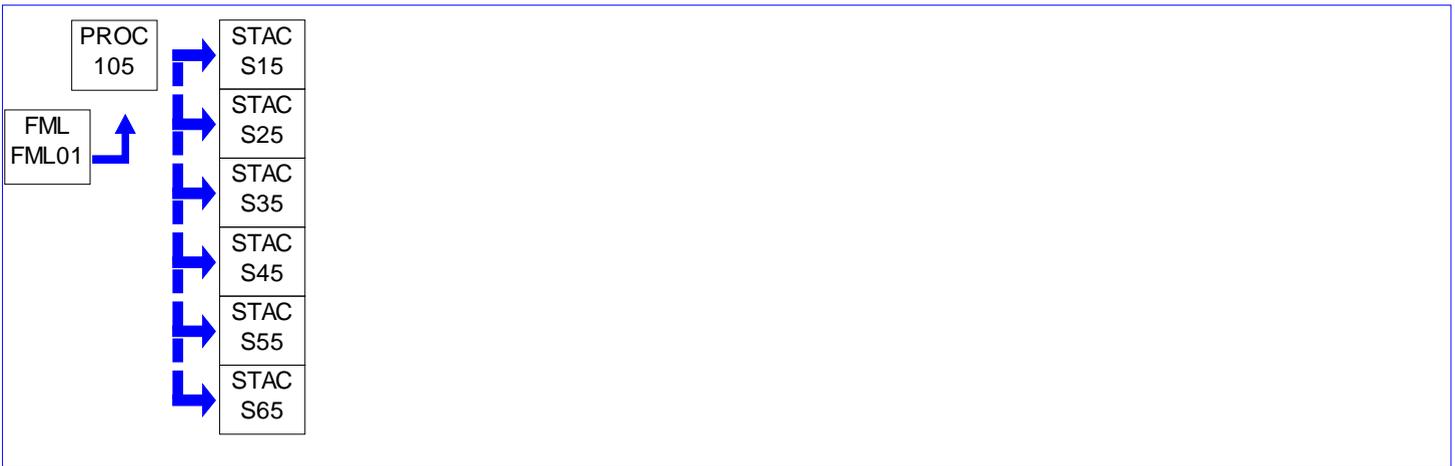
(a) An infrared drying oven, model no. FM051701-HGR, manufactured by Marsden, Inc. The drying oven is rated at 1.48 mmBtu/hr heat input.

(b) A two-zone straight pass drying oven, model no. LA-48, manufactured by TEC Systems, Inc. The drying oven is rated at 8.5 mmBtu/hr heat input (3.5 mmBtu/hr heat input for zone 1 and 5.0 mmBtu/hr heat input for zone 2).

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: #10 COATER

Source Capacity/Throughput: 15,961.500 CF/HR
22.000 Lbs/HRNatural Gas
SOLVENT/COATING**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from this coater occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

Sampling and testing shall be done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139 (relating to sampling and testing).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall use data from facility Formula Data Sheets, CPDSs, and/or SDSs to calculate the VOC emissions from this source.

(b) As an alternative to using the data sheets in (a), above, the permittee may use EPA Method 24 to determine the VOC content of each as applied coating and/or each as supplied raw material.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

(b) The permittee shall monitor the hours of operation for this source on a monthly basis.

**SECTION D. Source Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following for this coater on a per-job basis:

- (a) The following parameters for each as supplied coating component:
 - (1) The coating name and identification number.
 - (2) The volume used.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The volume of solids.
 - (6) The weight percent of total volatiles, water, solids, and exempt solvents.
- (b) The VOC content of each as supplied coating component.
- (c) The VOC content of each as applied coating.

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

(a) The permittee shall maintain records of the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

(b) The permittee shall maintain records of the hours of operation for this coater on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

(a) The permittee shall maintain records of the following for this coater on a per-job basis:

- (1) The following parameters for each as supplied coating component:
 - (i) The coating name and identification number.
 - (ii) The volume used.
 - (iii) The mix ratio.
 - (iv) The density or specific gravity.
 - (v) The volume of solids.
 - (vi) The weight percent of total volatiles, water, solids, and exempt solvents.
- (2) The VOC content of each as supplied coating component.
- (3) The VOC content of each as applied coating.

(b) The records maintained shall be sufficient to demonstrate compliance with 25 Pa. Code § 129.52b.

**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 (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

The permittee shall maintain the VOC content of each as applied coating used in this coater at or below 4.84 lb VOC/gal of coating solids.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a three-station coater and two associated natural gas-fired drying ovens, as follows:

(a) A two-zone (small) drying oven, model no. LA-19, manufactured by TEC Systems, Inc. The drying oven is rated at 5.8 mmBtu/hr heat input (2.9 mmBtu/hr heat input per zone).

(b) A three-zone (big) drying oven, model no. LA-26, also manufactured by TEC Systems, Inc. The drying oven is rated at 10.8 mmBtu/hr heat input (3.6 mmBtu/hr heat input per zone).

**SECTION D. Source Level Requirements**

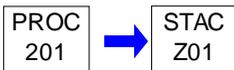
Source ID: 201

Source Name: SOLVENT CLEANING OPERATION

Source Capacity/Throughput:

4.000 Lbs/HR

SOLVENT

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 129.96–129.100 and 129.111–129.115.]

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this solvent cleaning operation, excluding that associated with graphic arts lines 1 and 2 (Source IDs 301–302, respectively), occurs in such a manner that the rate of the emission is less than 2.7 tons/yr, calculated monthly as a 12-month rolling sum.

II. TESTING REQUIREMENTS.

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

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

The permittee shall monitor the following operating parameters for this solvent cleaning operation on a monthly basis:

- (a) The type of solvent used.
- (b) The amount of solvent used.
- (c) The amount of solvent removed/recycled.

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

The permittee shall calculate the VOC emissions from this solvent cleaning operation on a monthly and 12-month rolling basis, using a Department-approved method.

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

The permittee shall maintain records of the following operating parameters for this solvent cleaning operation on a monthly and 12-month rolling basis:

- (a) The type of solvent used.
- (b) The amount of solvent used.
- (c) The amount of solvent removed/recycled.

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

**SECTION D. Source Level Requirements**

The permittee shall maintain records of the VOC emissions from this solvent cleaning operation on a monthly and 12-month rolling basis, calculated using a Department-approved method.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall implement the following procedures/good air pollution control practices to minimize the VOC emissions from this solvent cleaning operation:

- (a) Operating the printing equipment at the facility in accordance with good manufacturing practices in order to minimize the quantity of cleanup solvent necessary to be used.
- (b) Minimizing the VOC content of the cleanup solvents used.
- (c) Where necessary/practical, positioning cleaned parts over drip cans so that any excess cleanup solvent drains freely from the parts and into the drip cans. Parts having cavities or blind holes shall be tipped or rotated while draining. Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer.
- (d) Storing all cleanup solvent and cleanup solvent-containing shop towels in nonabsorbent, nonleaking containers. The containers (e.g., drums, plunger cans, drip cans, shop towel bins, etc.) shall be kept closed/covered at all times except when cleanup solvent or cleanup solvent-containing shop towels are being added or removed.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a solvent cleaning operation, in which various parts of the printing equipment at the facility are manually cleaned with cleanup solvent.

**SECTION D. Source Level Requirements**

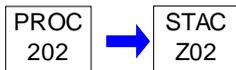
Source ID: 202

Source Name: STRIP-COATING OPERATION

Source Capacity/Throughput:

2.200 Lbs/HR

SOLVENT

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 129.96–129.100 and 129.111–129.115.]

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this strip-coating operation occurs in such a manner that the rate of the emission is less than 2.7 tons/yr, calculated monthly as a 12-month rolling sum.

Operation Hours Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the total operating time of this strip-coating operation does not exceed 5,475 hours per year, calculated monthly as a 12-month rolling sum.

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the hours of operation for this strip-coating operation on a per-job and monthly basis.
- (b) The permittee shall monitor the following operating parameters for this strip-coating operation on a monthly basis:
 - (1) The type of strip-coat used.
 - (2) The amount of strip-coat used.
 - (3) The amount of strip-coat removed/recycled.

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

The permittee shall calculate the VOC emissions from this strip-coating operation on a monthly and 12-month rolling basis, using a Department-approved method.

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

- (a) The permittee shall maintain records of the hours of operation for this strip-coating operation on a per-job, monthly, and 12-month rolling basis.

**SECTION D. Source Level Requirements**

(b) The permittee shall maintain records of the following operating parameters for this strip-coating operation on a monthly and 12-month rolling basis:

- (1) The type of strip-coat used.
- (2) The amount of strip-coat used.
- (3) The amount of strip-coat removed/recycled.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the VOC emissions from this strip-coating operation on a monthly and 12-month rolling basis, calculated using a Department-approved method.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall implement the following procedures/good air pollution control practices to minimize the VOC emissions from this strip-coating operation:

- (a) Operating the printing equipment at the facility in accordance with good manufacturing practices in order to minimize the quantity of strip-coat necessary to be used.
- (b) Minimizing the amount of time used to apply the strip-coat.
- (c) Where necessary/practical, positioning strip-coated parts over drip cans so that any excess strip-coat drains freely from the parts and into the drip cans. Parts having cavities or blind holes shall be tipped or rotated while draining. Strip-coated parts should be drained at least 15 seconds or until dripping ceases, whichever is longer.
- (d) Storing all strip-coat and associated (used) application tools in nonabsorbent, nonleaking containers. The containers (e.g., drums, application containers, drip cans, etc.) shall be kept closed/covered at all times except when strip-coat and associated (used) application tools are being added or removed.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a strip-coat operation, in which strip-coat is applied to various parts of the printing equipment at the facility for protection.

**SECTION D. Source Level Requirements**

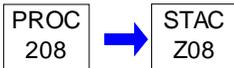
Source ID: 208

Source Name: REMOTE RESERVOIR PARTS WASHER

Source Capacity/Throughput:

N/A

SOLVENT NAPHTHA

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

The permittee shall monitor the following operating parameters for this remote reservoir parts washer on a monthly basis:

- (a) The amount of solvent added.
- (b) The amount of solvent removed/recycled.

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

The permittee shall calculate the VOC emissions from this remote reservoir parts washer on a monthly and 12-month rolling basis, using a Department-approved method.

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

The permittee shall maintain records of the following operating parameters for this remote reservoir parts washer on a monthly and 12-month rolling basis:

- (a) The amount of solvent added.
- (b) The amount of solvent removed/recycled.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.63(a)(5)–(6).]

(a) The permittee shall maintain records of the following information for the solvent used in this remote reservoir parts washer:

- (1) The type of solvent used, including the product or vendor identification number.
- (2) The name and address of the solvent supplier.
- (3) The vapor pressure of the solvent (mm Hg, at 20 °C [68 °F]).

**SECTION D. Source Level Requirements**

(b) The permittee may use invoices, bills of sale, certificates that correspond to the number of sales, CPDSs, SDSs, or other appropriate documentation acceptable to the Department to demonstrate compliance with (a)(1)–(3), above.

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

The permittee shall maintain records of the VOC emissions from this remote reservoir parts washer on a monthly and 12-month rolling basis, calculated using a Department-approved method.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.63(a)(4).]

The permittee shall not use any solvent in this remote reservoir parts washer with both a vapor pressure of equal or greater than 1.0 mm Hg and a VOC content of greater than 5% VOC, by weight, measured at 20 °C (68 °F).

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.63(a)(2)(ii).]

The permittee shall ensure that this remote reservoir parts washer is equipped with a cover that remains closed at all times except during cleaning of parts or the addition or removal of solvent. A perforated drain with a diameter that does not exceed 6 inches shall constitute an acceptable cover.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.63(a)(3)(i)–(v).]

The permittee shall ensure that this remote reservoir parts washer is operated in accordance with the following procedures:

(a) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(b) Flushing or spraying of parts using a flexible hose or other flushing device shall be performed only within the parts washer. The cleaning solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(c) Sponges, fabric, wood, leather, paper products, and other absorbent materials shall not be cleaned in the parts washer.

(d) Air-agitated solvent baths shall not be used.

(e) Spills during use of the parts washer and during cleaning solvent transfer shall be cleaned up immediately.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.63(a)(2)(i)(A)–(C).]

The permittee shall ensure that this remote reservoir parts washer has a permanent, conspicuous label summarizing the operating requirements indicated in Condition # 007(a)–(e), Section D (under Source ID 208), of this permit. In addition, the

**SECTION D. Source Level Requirements**

label shall include the following discretionary good operating practices:

- (a) Parts shall be oriented so that the cleaning solvent drains from them freely and directly back to the parts washer. Parts having cavities or blind holes shall be tipped or rotated while draining. Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer.
- (b) When a pump-agitated solvent bath is used, the agitator shall be operated to produce a rolling motion of the cleaning solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.
- (c) Work area fans shall be located and positioned so that they do not blow across the opening of the parts washer.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a remote reservoir (cold) parts washer, model no. 16, manufactured by Safety-Kleen Systems, Inc. The parts washer has a rated capacity of 8 gallons.

**SECTION D. Source Level Requirements**

Source ID: 301

Source Name: GRAPHIC ARTS LINE 1

Source Capacity/Throughput: 1,923.000 CF/HR
81.600 Lbs/HRNatural Gas
SOLVENT/COATING**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from this graphic arts line occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this graphic arts line, including the clean-up operations, occurs in such a manner that the rate of the emission does not exceed either 12.0 lb/hr or 12.0 tons/yr, calculated monthly as a 12-month rolling sum.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that natural gas is the only fuel used in the operation of the dryers of this graphic arts line.

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

Sampling and testing shall be done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139 (relating to sampling and testing).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall use data from facility Formula Data Sheets, CPDSs, and/or SDSs to calculate the VOC emissions from this source.

(b) As an alternative to using the data sheets in (a), above, the permittee may use EPA Method 24 to determine the VOC content of each as applied coating and/or each as supplied raw material.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

**SECTION D. Source Level Requirements**

(b) The permittee shall monitor the hours of operation for this graphic arts line on a monthly basis.

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

The permittee shall monitor the following for this graphic arts line on a per-job basis:

- (a) The following parameters for each coating, thinner, and other component as supplied:
- (1) The coating, thinner, or component name and identification number.
 - (2) The volume used.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The weight percent of total volatiles, water, solids, and exempt solvents.
 - (6) The volume percent solids.
- (b) The VOC content of each coating, thinner, and other component as supplied.
- (c) The VOC content of each as applied coating.
- (d) The duration of each job and the job number.

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

The permittee shall monitor the following for this graphic arts line:

- (a) The average hourly VOC emission rate (based on the duration of each job) on a per-job basis.
- (b) The maximum average hourly VOC emission rate on a monthly basis.
- (c) The VOC emissions from the graphic arts line on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

The permittee shall maintain records of the following for this graphic arts line on a per-job basis:

- (a) The following parameters for each coating, thinner, and other component as supplied:
- (1) The coating, thinner, or component name and identification number.
 - (2) The volume used.
 - (3) The mix ratio.
 - (4) The density or specific gravity.

**SECTION D. Source Level Requirements**

- (5) The weight percent of total volatiles, water, solids, and exempt solvents.
- (6) The volume percent of solids.
- (b) The VOC content of each coating, thinner, and other component as supplied.
- (c) The VOC content of each as applied coating.
- (d) The duration of each job and the job number.

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

The permittee shall maintain records of the following for this graphic arts line:

- (a) The average hourly VOC emission rate (based on the duration of each job) on a per-job basis.
- (b) The maximum average hourly VOC emission rate on a monthly basis.
- (c) The VOC emissions from the graphic arts line on a monthly basis.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.1.]

The permittee shall ensure that the volatile fraction of each ink, as applied to the substrate used in this graphic arts line, contains 10% or less, by volume, of VOC and 90% or more, by volume, of water.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.67(b)(1).]

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.1.]

The permittee shall maintain the VOC content of each as applied coating used in this graphic arts line at or below 2.75 lb VOC/gal of coating solids.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.52b.]

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

The water-based solvents used to clean coatings used in this graphic arts line shall be limited to a maximum of 1.0% VOC content in water.

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

The permittee shall operate and maintain a VOC emission tracking system to quantify emissions from this graphic arts line.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

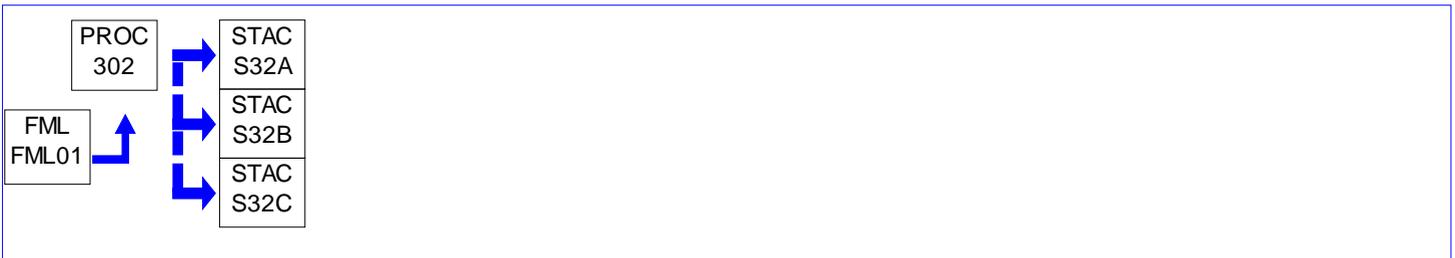
This source is a graphic arts line comprised of the following equipment:

- (a) A flexographic and a rotogravure printing unit, each manufactured by Converters Technical Service Co. Each printing unit is rated at 450 fpm line speed.
- (b) A two-zone dryer, Eagle Flex Model No. EF-50, manufactured by Converters Technical Service Co. Zones are rated at 0.8 MMBtu/hr and 1.2 MMBtu/hr heat input.

**SECTION D. Source Level Requirements**

Source ID: 302

Source Name: GRAPHIC ARTS LINE 2

Source Capacity/Throughput: 4,615.000 CF/HR
81.600 Lbs/HRNatural Gas
SOLVENT/COATING**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from this graphic arts line occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

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

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this graphic arts line, including the clean-up operations, occurs in such a manner that the rate of the emission does not exceed either 12.0 lb/hr or 12.3 tons/yr, calculated monthly as a 12-month rolling sum.

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

The permittee shall ensure that natural gas is the only fuel used in the operation of the dryers of this graphic arts line.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

Sampling and testing shall be done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139 (relating to sampling and testing).

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

(a) The permittee shall use data from facility Formula Data Sheets, CPDSs, and/or SDSs to calculate the VOC emissions from this source.

(b) As an alternative to using the data sheets in (a), above, the permittee may use EPA Method 24 to determine the VOC content of each as applied coating and/or each as supplied raw material.

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

(a) The permittee shall monitor the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303

**SECTION D. Source Level Requirements**

on a monthly basis.

(b) The permittee shall monitor the hours of operation for this graphic arts line on a monthly basis.

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

The permittee shall monitor the following for this graphic arts line on a per-job basis:

(a) The following parameters for each coating, thinner, and other component as supplied:

- (1) The coating, thinner, or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids, and exempt solvents.
- (6) The volume percent solids.

(b) The VOC content of each coating, thinner, and other component as supplied.

(c) The VOC content of each as applied coating.

(d) The duration of each job and the job number.

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

The permittee shall monitor the following for this graphic arts line:

(a) The average hourly VOC emission rate (based on the duration of each job) on a per-job basis.

(b) The maximum average hourly VOC emission rate on a monthly basis.

(c) The VOC emissions from the graphic arts line on a monthly basis.

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

(a) The permittee shall maintain records of the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

(b) The permittee shall maintain records of the hours of operation for this graphic arts line on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

The permittee shall maintain records of the following for this graphic arts line on a per-job basis:

(a) The following parameters for each coating, thinner, and other component as supplied:

- (1) The coating, thinner, or component name and identification number.

**SECTION D. Source Level Requirements**

- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids, and exempt solvents.
- (6) The volume percent of solids.
- (b) The VOC content of each coating, thinner, and other component as supplied.
- (c) The VOC content of each as applied coating.
- (d) The duration of each job and the job number.

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

The permittee shall maintain records of the following for this graphic arts line:

- (a) The average hourly VOC emission rate (based on the duration of each job) on a per-job basis.
- (b) The maximum average hourly VOC emission rate on a monthly basis.
- (c) The VOC emissions from the graphic arts line on a monthly basis.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.1.]

The permittee shall ensure that the volatile fraction of each ink, as applied to the substrate used in this graphic arts line, contains 10% or less, by volume, of VOC and 90% or more, by volume, of water.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.67(b)(1).]

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.1.]

The permittee shall maintain the VOC content of each as applied coating used in this graphic arts line at or below 2.75 lb VOC/gal of coating solids.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.52b.]

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

The water-based solvents used to clean coatings used in this graphic arts line shall be limited to a maximum of 1.0% VOC content in water.

**SECTION D. Source Level Requirements****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain a VOC emission tracking system to quantify emissions from this graphic arts line.

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

This source is a graphic arts line comprised of the following equipment:

(a) A flexographic printing unit, a rotogravure printing unit, and a Meyer Rod-type surface coating unit, each manufactured by Inta-Roto, Inc. Each unit is rated at 550 fpm line speed. Surface coating will include, but not be limited to, the adhesive operations.

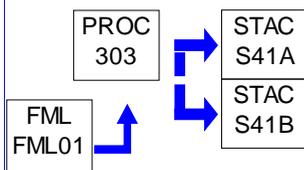
(b) Three natural gas-fired dryers manufactured by Inta-Roto, Inc. Each dryer is rated at 1.6 mmBtu/hr heat input.

**SECTION D. Source Level Requirements**

Source ID: 303

Source Name: #11 COATER

Source Capacity/Throughput: 12,019.000 CF/HR Natural Gas
 400.000 Gal/HR COATING

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

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from this coater occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

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

(a) The permittee shall ensure that VOC emissions from this coater do not exceed 10 tons/yr, calculated monthly as a 12-month rolling sum.

(b) The permittee shall ensure that the average hourly VOC emissions from the coater do not exceed 10 lbs/hr, on a per-job basis.

[Note: The permittee shall demonstrate compliance with (b), above, by demonstrating compliance with the VOC content limits specified in Condition # 015, Section D (under Source ID 303), of this permit, and the volume usage restrictions specified in Condition # 004, Section D (under Source ID 303), of this permit.]

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

The permittee shall ensure that natural gas is the only fuel used in the operation of the dryers associated with this coater.

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

(a) The permittee shall limit the total volume of coatings applied at this coater to 800,000 gallons per year, calculated monthly as a 12-month rolling sum.

(b) The permittee shall limit the volume of coatings applied at this coater with a VOC content greater than 0.05 lb VOC per gallon coating solids and less than or equal to 1.81 lb VOC per gallon coating solids to 200,000 gallons per year, calculated monthly as a 12-month rolling sum.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

**SECTION D. Source Level Requirements**

Sampling and testing shall be done in accordance with the procedures and test methods specified in 25 Pa. Code Chapter 139 (relating to sampling and testing).

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

- (a) The permittee shall use data from facility Formula Data Sheets, CPDSs, and/or SDSs to calculate the VOC emissions from this source.
- (b) As an alternative to using the data sheets in (a), above, the permittee may use EPA Method 24 to determine the VOC content of each as applied coating and/or each as supplied raw material.

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

- (a) The permittee shall monitor the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.
- (b) The permittee shall monitor the hours of operation for this coater on a monthly basis.

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

The permittee shall monitor the following for this coater on a per-job basis:

- (a) The following parameters for each coating, thinner, and other component as supplied:
- (1) The coating, thinner, or component name and identification number.
 - (2) The volume used.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The weight percent of total volatiles, water, solids, and exempt solvents.
 - (6) The volume percent solids.
- (b) The VOC content of each coating, thinner, and other component as supplied.
- (c) The VOC content of each as applied coating.
- (d) The duration of each job and the job number.

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

- (a) The permittee shall base VOC emission calculations for this coater on coating usage (in gallons of coating per month), the density of each coating as applied, the weight percent VOC of each coating as applied, and hours of operation.
- (b) The permittee shall base NO_x emission calculations for the drying system associated with the coater on EPA AP-42 emission factors for natural gas-fired external combustion sources (i.e., AP-42, Tables 1.4-1 and 1.4-2: Small boilers <100 mmBtu/hr with low-NO_x burners), and hours of operation.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain records of the aggregate amount of natural gas consumed by Source IDs 102, 105, 301, 302, and 303 on a monthly basis.

(b) The permittee shall maintain records of the hours of operation for this coater on a monthly basis.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52b.]

The permittee shall maintain records of the following for this coater on a per-job basis:

(a) The following parameters for each coating, thinner, and other component as supplied:

- (1) The coating, thinner, or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids, and exempt solvents.
- (6) The volume percent of solids.

(b) The VOC content of each coating, thinner, and other component as supplied.

(c) The VOC content of each as applied coating.

(d) The duration of each job and the job number.

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

The permittee shall maintain records of the following operating parameters on a monthly and 12-month rolling basis:

(a) The total gallons of coating used with an as-applied VOC content less than or equal to 0.05 lb VOC/gal coating solids.

(b) The total gallons of coating used with an as-applied VOC content of more than 0.05 and less than or equal to 1.81 lb VOC/gal coating solids.

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

The permittee shall maintain records of all results from any testing of coatings or other components as applied to this coater.

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

The permittee shall maintain records of the following for this coater:

- (a) The VOC emissions on a monthly and 12-month rolling basis.
- (b) The average hourly VOC emission rate on a per-job basis.
- (c) The NO_x emissions on a monthly and 12-month rolling basis.

**SECTION D. Source Level Requirements**

(d) The volume of coating applied on a monthly and 12-month rolling basis.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.1.]

(a) The permittee shall limit the VOC content of a maximum of 200,000 gallons per year, calculated monthly as a 12-month rolling sum, of as applied coating to equal to or less than 1.81 lb VOC/gal coating solids.

(b) The permittee shall limit the VOC content of the remaining gallons (from a total maximum of 800,000 gallons per year, calculated monthly as a 12-month rolling sum) of as applied coatings to equal to or less than 0.05 lb VOC/gal coating solids.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.52b.]

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

The permittee shall ensure that the VOC-containing materials (including solvents and waste materials) used in this coater are managed in accordance with the following good air pollution control practices:

(a) Storing all VOC-containing materials, as well as used shop towels containing these same materials, in nonabsorbent, nonleaking containers. The containers shall be kept closed at all times except when adding or removing VOC-containing materials.

(b) Minimizing spillage and splashing of VOC-containing materials during transfer from containers, and cleaning up any spills immediately.

(c) Training press operators in proper cleaning procedures and equipment use. The press operators shall be given annual refresher courses.

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

This source consists of a two-station coater and associated equipment, as follows:

(a) A two-station air knife coater, model no. 311, manufactured by Black Clawson Ltd. Each air knife/station is rated at 1,000 fpm line speed.

(b) Two natural gas-fired drying ovens, also manufactured by Black Clawson Ltd., as follows:

(1) A two-zone (small) drying oven, which is rated at 5.0 mmBtu/hr heat input (2.5 mmBtu/hr heat input per zone).

(2) A three-zone (big) drying oven, which is rated at 7.5 mmBtu/hr heat input (2.5 mmBtu/hr heat input per zone).

(c) Four mixing tanks.



SECTION D. Source Level Requirements

(d) Two cooling zones.



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
006	BOILER 6		
Emission Limit		Pollutant	
0.400	Lbs/MMBTU	Heat Input	TSP
007	BOILER 7		
Emission Limit		Pollutant	
0.400	Lbs/MMBTU	Heat Input	TSP
051	EMERGENCY GENERATOR SETS (2)		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	From Each Engine	TSP
102	#7 SATURATOR		
Emission Limit		Pollutant	
0.040	gr/DRY FT3		TSP
105	#10 COATER		
Emission Limit		Pollutant	
0.040	gr/DRY FT3		TSP
201	SOLVENT CLEANING OPERATION		
Emission Limit		Pollutant	
2.700	Tons/Yr	Less Than; 12-Month Rolling Sum, Calculated Monthly; Excludes VOCs Associated with Source IDs 301-302	VOC
202	STRIP-COATING OPERATION		
Emission Limit		Pollutant	
2.700	Tons/Yr	Less Than; 12-Month Rolling Sum, Calculated Monthly	VOC
301	GRAPHIC ARTS LINE 1		
Emission Limit		Pollutant	
0.040	gr/DRY FT3		TSP
12.000	Lbs/Hr		VOC
12.000	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
302	GRAPHIC ARTS LINE 2		
Emission Limit		Pollutant	
0.040	gr/DRY FT3		TSP
12.000	Lbs/Hr		VOC
12.300	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
303	#11 COATER		
Emission Limit			Pollutant
0.040	gr/DRY FT3		TSP
10.000	Lbs/Hr	On a Per-Job Basis	VOC
10.000	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC

Site Emission Restriction Summary

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

**SECTION H. Miscellaneous.**

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

- (1) RACT Operating Permit No. OP-09-0028.
- (2) Plan Approval No. 09-0028.
- (3) Plan Approval No. 09-0028A.
- (4) Plan Approval No. 09-0028C.
- (5) RFD No. 1039 (Source ID 208, August 2009).
- (6) RFD No. 2319 (coating station on Source ID 105, July 2011).

(b) The following sources have been determined by the Department to be insignificant sources of air contaminant emissions and, therefore, do not require additional restrictions, monitoring, or recordkeeping. They are still subject to any applicable federal, state, and local laws and regulations, including those indicated in Section C, of this permit:

- (1) Mixing room operations.
- (2) Maintenance (touch-up) painting.
- (3) Slitting operations.
- (4) Thirty aboveground storage tanks:

Tank No.	Capacity	Product Stored	
001A	15,000 gal	No. 2 Fuel Oil	← Source ID FML02
S1	13,100 gal	Nitrile Latex	
S2	13,100 gal	Nitrile Latex	
S3	12,000 gal	Nitrile Latex	
S4	12,000 gal	Nitrile Latex	
S5	12,000 gal	Nitrile Latex	
S6	15,000 gal	Nitrile Latex	
S7	15,000 gal	Nitrile Latex	
S8	15,000 gal	Nitrile Latex	
S9	15,000 gal	Nitrile Latex	
S10	15,000 gal	Acrylic Latex	
S11	15,000 gal	Vinyl Chloride Emulsion	
S12	15,000 gal	Acrylic Latex	
S13	15,000 gal	Vinyl Chloride Emulsion	
S14	13,400 gal	Acrylic Latex	
S15	13,400 gal	Polymeric Organic Acid	
S16	8,000 gal	Acrylic Latex	
S17	8,000 gal	Acrylic Latex	
S18	8,200 gal	Polyvinyl Acetate Emulsion	
S19	8,200 gal	Acrylic Emulsion	
S20	8,200 gal	Acrylic Emulsion	
S21	8,200 gal	Imidazolidone Emulsion	
S22	8,200 gal	Nitrile Emulsion	
S23	4,000 gal	Kaolin Clay Slurry	
S24	4,000 gal	Kaolin Clay Slurry	
T1	4,000 gal	Nitrile Latex	
T2	4,000 gal	Nitrile Latex	
T3	4,000 gal	Nitrile Latex	
T4	4,000 gal	Nitrile Latex	
T5	4,000 gal	Nitrile Latex	

**SECTION H. Miscellaneous.**

(5) A finishing area.

(6) Steam-powered space heaters. The space heaters are powered by steam from the boilers (Source IDs 006–007).

(7) An electric fire pump.

(8) A sand blasting cabinet.

(9) A natural gas-fired make-up air unit (of former Source ID 031), model no. GA-227, manufactured by Powrmatic. The make-up air unit is rated at 3.6 mmBtu/hr heat input.

(c) This permit (APS ID 928761, Auth ID 1412892) is the original issuance of State Only (Synthetic Minor) No. 09-00028 and serves to replace Title V Operating Permit No. 09-00028, which was originally issued on August 9, 2001 (APS ID 345593, Auth ID 354399); previously amended on April 25, 2002 (APS ID 345593, Auth ID 354399), and August 29, 2011 (APS ID 756426, Auth ID 889673); previously modified on July 21, 2003 (APS ID 345593, Auth ID 488719), September 25, 2009 (APS ID 345593, Auth ID 801268), and December 1, 2009 (APS ID 345593, Auth ID 809396); and previously renewed on May 25, 2007 (APS ID 345593, Auth ID 623853), May 10, 2012 (APS ID 756426, Auth ID 901785), and May 7, 2018 (APS 928761, Auth ID 1161410). The following is a listing of the changes reflected in this permit:

(1) The permit type has been changed to State Only (Synthetic Minor).

(2) The owner mailing address, as indicated on the cover page of the previously-renewed permit (same location in this permit), has been changed to 45 N. 4th Street, Quakertown, PA 18951-1239.

(3) The responsible official and permit contact person, as indicated on the cover page of the previously-renewed permit (same location in this permit), have been changed to Jason Wood, Plant Manager/Environmental, Health, & Safety Manager, (215) 647-8162, jason.wood@mativ.com.

(4) The make-up air units (former Source ID 031), along with the corresponding permit map and conditions, in Sections A and D, of the previously-renewed permit, where applicable, have been removed (with the one remaining make-up air unit indicated in (b)(9), above).

(5) The conditions in Sections B and C, of the previously-renewed permit (same location in this permit), have been updated to reflect the current format for State Only facilities.

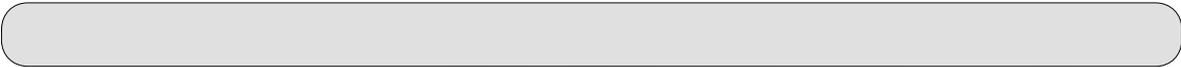
(6) All additional authority citations to 25 Pa. Code §§ 127.511–127.513, and all requirements pertaining to hazardous air pollutants (HAPs), in Sections C, D, and F, of the previously-renewed permit, as applicable, have been removed.

(7) A VOC emission rate restriction for the facility of less than 25 tons/yr has been added as Condition # 007, Section C, of this permit, and to the Site Emission Restriction Summary in Section G, of this permit.

(8) Requirements to monitor and maintain records of the total VOC emissions from the facility have been added as Condition #s 012 and 016, Section C, of this permit, respectively.

(9) The EPA mailing address at which to submit copies of all requests, reports, applications, and other communications for the engines of the emergency generator sets that are required to be submitted pursuant to any applicable provision of 40 CFR Part 63, Subpart ZZZZ, as indicated in Condition # 012, Section D (under Source ID 051), of the previously-renewed permit (same condition number in this permit), has been updated.

(10) Additional authority citations to 25 Pa. Code §§ 129.111–129.115 have been added to Condition # 001, Section D (under Source IDs 201–202), of the previously-renewed permit (same condition number in this permit).



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