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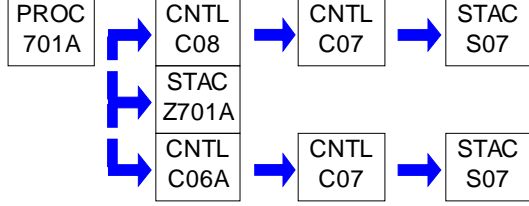
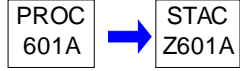
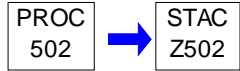
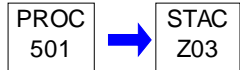
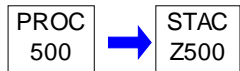
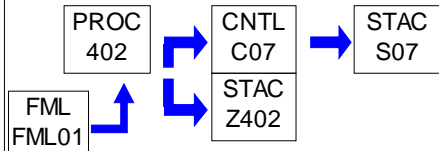
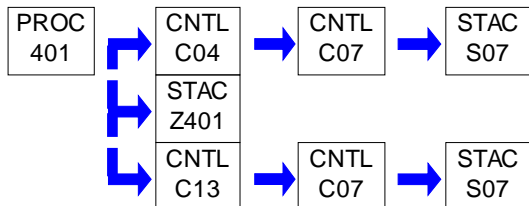
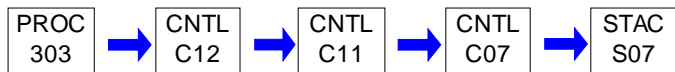
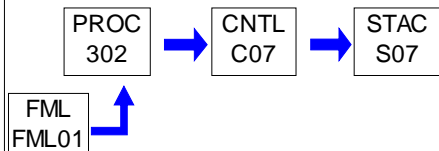
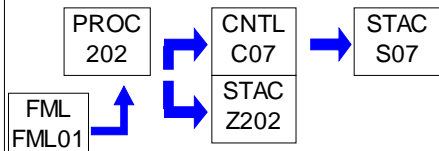
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
202	STEEL DRUM INTERIOR BAKE OVEN	7.000 MMBTU/HR	
		6.849 MCF/HR	Natural Gas
302	STEEL DRUM EXTERIOR BAKE OVEN	4.500 MMBTU/HR	
		4.403 MCF/HR	Natural Gas
303	STEEL DRUM EXTERIOR PAINT SPRAY BOOTH	27.600 Gal/HR	EXTERIOR COATINGS
401	STEEL DRUM PARTS LINING/PAINT SPRAY BOOTH	3.500 Gal/HR	INT/EXT COATINGS
402	STEEL DRUM PARTS BAKE OVEN	3.700 MMBTU/HR	
		3.620 MCF/HR	Natural Gas
500	SILK SCREEN MACHINE		
501	COLD CLEANING MACHINE	N/A	SOLVENT NAPHTHA
502	INKJET PRINTER		
601A	SEAMING OPERATION		
701A	STEEL DRUM INTERIOR LINING/EXTERIOR STRIPING SPRAY BOOTH	31.300 Gal/HR	INT/EXT COATINGS
801	EMERGENCY GENERATOR SET	215.260 CF/HR	Natural Gas
901	ADHESIVES OPERATION		
C04	STEEL DRUM PARTS LINING/PAINT SPRAY BOOTH FILTERS		
C06A	STEEL DRUM INTERIOR LINING/EXT STRIPING SPRAY BOOTH FILTERS		
C07	REGENERATIVE THERMAL OXIDIZER (RTO)	7.339 MCF/HR	Natural Gas
C08	STEEL DRUM INT LINING/EXT STRIPING SPRAY BOOTH/CONVEYOR ENCL		
C11	STEEL DRUM EXTERIOR PAINT SPRAY BOOTH FILTERS		
C12	STEEL DRUM EXTERIOR PAINT SPRAY BOOTH/CONVEYOR ENCLOSURE		
C13	STEEL DRUM PARTS LINING/PAINT SPRAY BOOTH/CONVEYOR ENCLOSURE		
FML01	NATURAL GAS PIPELINE		
S07	RTO STACK		
Z03	COLD PARTS CLEANER FUGITIVE EMISSIONS		
Z202	STEEL DRUM INTERIOR BAKE OVEN FUGITIVE EMISSIONS		
Z401	STEEL DRUM PARTS LINING/PAINT SPRAY BOOTH FUGITIVE EMISSIONS		
Z402	STEEL DRUM PARTS BAKE OVEN FUGITIVE EMISSIONS		
Z500	SILK SCREEN MACHINE FUGITIVE EMISSIONS		
Z502	INKJET PRINTER FUGITIVE EMISSIONS		
Z601A	SEAMING OPERATION FUGITIVE EMISSIONS		
Z701A	STEEL DRUM INT LINING/EXT STRIPING SPRAY BOOTH FUGITIVE EMIS		
Z801	EMERGENCY GENERATOR SET FUGITIVE EMISSIONS		
Z901	ADHESIVES OPERATION FUGITIVE EMISSIONS		

PERMIT MAPS

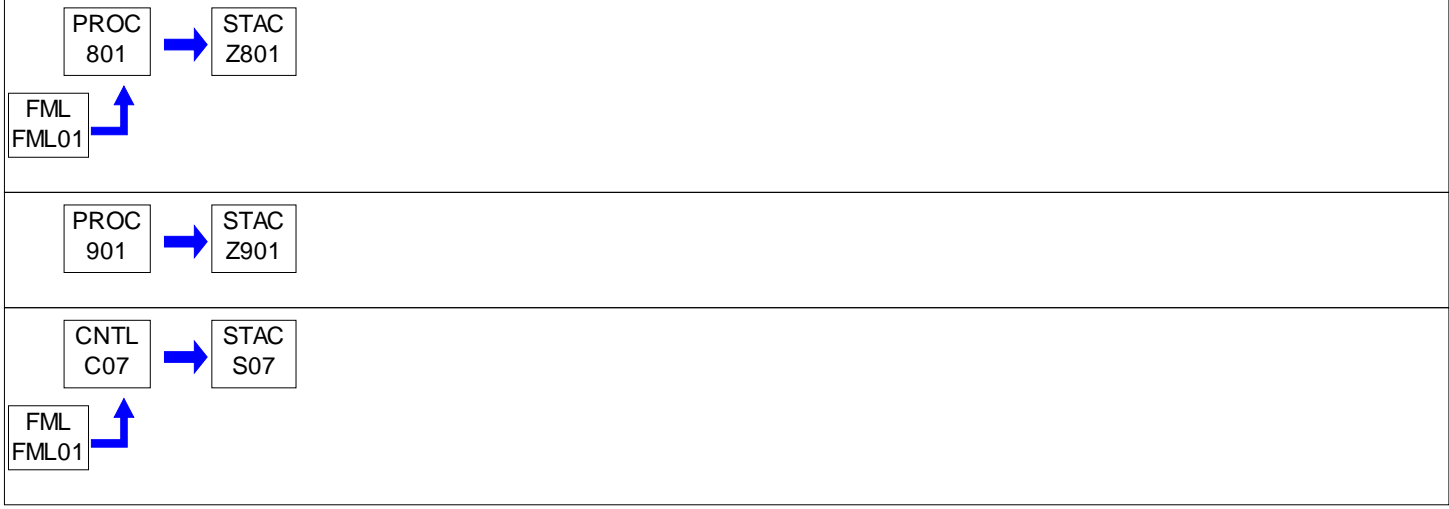


PERMIT MAPS





PERMIT MAPS



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

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

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

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

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

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

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

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

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

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

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

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

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

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

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

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

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

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

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

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

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

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

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

R3_Air_Apps_and_Notices@epa.gov

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

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

(2) One ton of NO_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 or 25 Pa. Code Article III.

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

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

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

**SECTION B. General Title V Requirements**

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

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

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

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

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

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

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

**SECTION B. General Title V Requirements**

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

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

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

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

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

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

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

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

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

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

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

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

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

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

**SECTION B. General Title V Requirements**

(5) The results of the analyses.

(6) The operating conditions as existing at the time of sampling or measurement.

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

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

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

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

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

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

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

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

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

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

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

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

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

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

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

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

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

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

**SECTION B. General Title V Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 # 009(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.

002 [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(a) (see Condition # 001(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.

003 [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.

004 [25 Pa. Code §123.41]**Limitations**

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

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

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

The emission restrictions specified in 25 Pa. Code § 123.41 (see Condition # 004(a)–(b), Section C, of this permit) shall not apply to a visible air contaminant emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the restrictions.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

**SECTION C. Site Level Requirements**

(c) When the emission results from a source(s) specified in 25 Pa. Code § 123.1(a) (see Condition # 001(a)–(g), Section C, of this permit).

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.512(h).]

The permittee shall ensure that emission into the outdoor atmosphere of volatile organic compound (VOCs) from this facility occurs in such a manner that the rate of the emission does not exceed 21.0 tons/yr, calculated monthly as a 12-month rolling sum.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.512(h).]

The permittee shall ensure that emission into the outdoor atmosphere of hazardous air pollutants (HAPs) from this facility occurs in such a manner that the rate of the emission is both of the following:

(a) Less than 10.0 tons/yr for any individual HAP, calculated monthly as a 12-month rolling sum.

(b) Equal to or less than 21.0 tons/yr for all combined HAPs, calculated monthly as a 12-month rolling sum.

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.3890(b)(1), 63.3891, and 63.3900(a)(1) and (2)(i); and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) Except as specified in (c)(1)–(2), below, and Condition # 001, Section D (under Source ID 303), of this permit, the permittee shall ensure that the emission into the outdoor atmosphere of organic HAPs from the affected coating operations^{1,2} at this facility (i.e., Source IDs 202, 302, 303, 401, 402, 500, 502, 601A [excluding parts lubes], 701A, and 901) occurs in such a manner that the rate of the emission does not exceed 0.31 kg/L coating solids¹ (2.6 lbs/gal coating solids) used during any 12-month rolling period, as follows:

(1) Compliant material option: The organic HAP content of each coating^{1,3} used in the affected coating operation(s) shall not exceed the above emission restriction, and each thinner,¹ additive,¹ and cleaning material^{1,3} used in the affected coating operation(s) shall contain no organic HAPs.

(2) Emission rate without add-on controls option: The pre-control organic HAP emission rate for the affected coating operation(s) shall not exceed the above emission restriction.

(3) Emission rate with add-on controls option: The post-control organic HAP emission rate (i.e., after consideration of the capture efficiency for the facility and VOC destruction efficiency of the RTO) for the affected coating operation(s) shall not exceed the above emission restriction. [Note: This compliance option may only be used if it is applied to all affected coating operations at the facility.]

(b) The permittee shall apply the compliance options in (a)(1)–(3), above, in accordance with (the first paragraph of) 40 CFR § 63.3891.

¹ As defined in 40 CFR § 63.3981.

² The term "coating operation" also encompasses the term "coating unit," as defined in 25 Pa. Code § 129.52d(b).

³ The term also encompasses the same term, as defined in 25 Pa. Code § 129.52d(b).

(c) The organic HAP emission rate specified in (a), above, is only applicable to the application of general use coatings¹ in the affected coating operations at the facility. The permittee shall not apply any other type(s) of coating, as indicated in 40 CFR § 63.3881(a)(3)–(6), in an affected coating operation(s), or any coatings in a different (new) coating operation, unless it does both of the following:

**SECTION C. Site Level Requirements**

- (1) Obtains prior approval from the Department for the type(s) of coating and/or coating operation(s), as applicable.
- (2) Demonstrates to the Department that the coating operation(s) will meet the applicable organic HAP emission rate restriction(s) indicated in 40 CFR § 63.3890(a)(1)–(5) and (b)(2)–(5) (applying the compliance options in accordance with (a)–(b), above).

009 [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.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

- (a) If, at any time, the Department has cause to believe that air contaminant emissions from any source(s) listed in Sections A or H, of this permit, may be in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, 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.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

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

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(1)–(3).]

**SECTION C. Site Level Requirements**

- (a) The permittee shall monitor this facility, at least once per operating day, for the following:
- (1) Odors, which may be objectionable (as per 25 Pa. Code § 123.31; see Condition # 003, Section C, of this permit).
 - (2) Visible air contaminant emissions (as per 25 Pa. Code §§ 123.41 and 123.42; see Condition #s 004–005, Section C, of this permit, respectively).
 - (3) Fugitive air contaminant emissions (as per 25 Pa. Code §§ 123.1 and 123.2; see Condition #s 001–002, Section C, of this permit, respectively).
- (b) Objectionable odors, visible air contaminant emissions, and/or fugitive air contaminant emissions that are caused or may be caused by operations at the facility shall:
- (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Have appropriate corrective action taken (for emissions that originate on-site).
 - (4) Be recorded in a permanent written log.
- (c) At the end of 6 months, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to weekly for the next 6-month period.
- (d) At the end of the second 6-month period, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to, the review of the annual certificate of compliance, the semi-annual deviation report, complaints, monitoring results, and/or Department findings.

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.3941(a)–(d), 63.3942(a), 63.3951(a)–(g), 63.3952(a), 63.3961(d)–(h) and (k)–(m), and 63.3953(a); and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall determine or calculate the following for the affected coating operations at this facility:

- (a) The following operating parameters, using either information provided by the material supplier or manufacturer or another method(s) specified in 40 CFR § 63.3951(a), (c), and (b), respectively:
- (1) The following for each coating, thinner, additive, and cleaning material:
 - (i) The organic HAP content (weight percent).
 - (ii) The density.
 - (2) The solids content (volume percent) for each coating.
- (b) The volume of each coating, thinner, additive, and cleaning material used (liters and/or gallons) on a monthly basis, from usage records.
- (c) The organic HAP content for each coating used, using Equation 2 in 40 CFR § 63.3941(d), if the compliant material option is used.
- (d) The following if the emission rate without add-on controls option is used:

**SECTION C. Site Level Requirements**

(1) The pre-control organic HAP emissions (including allowance(s) claimed for organic HAPs contained in waste materials, if applicable) (kilograms and/or pounds) on a monthly basis, using Equations 1 and 1A–1C in 40 CFR § 63.3951(e) and (e)(1)–(3), respectively, and the method specified in 40 CFR § 63.3951(e)(4)(i)–(iv), as follows:

(i) Equation 1 to calculate the pre-control organic HAP emissions from all coatings, thinners, additives, and cleaning materials used minus organic HAPs contained in waste materials.

(ii) Equation 1A to calculate the pre-control organic HAP emissions from all coatings used.

(iii) Equation 1B to calculate the pre-control organic HAP emissions from all thinners and additives used.

(iv) Equation 1C to calculate the pre-control organic HAP emissions from all cleaning materials used.

(v) The method specified in 40 CFR § 63.3951(e)(4)(i)–(iv) to calculate organic HAPs contained in waste materials.

(2) The total volume of coating solids used (liters and/or gallons) on a monthly basis, using Equation 2 in 40 CFR § 63.3951(f).

(3) The 12-month pre-control organic HAP emission rate (kg/L coating solids and/or lbs/gal coating solids) on a monthly basis, using Equation 3 in 40 CFR § 63.3951(g).

(e) The following if the emission rate with add-on controls option is used:

(1) The pre-control organic HAP emissions (kilograms and/or pounds) on a monthly basis, using Equations 1 and 1A–1C in 40 CFR § 63.3951(e) and (e)(1)–(3), respectively, as follows:

(i) Equation 1 to calculate the pre-control organic HAP emissions from all coatings, thinners, additives, and cleaning materials used minus organic HAPs contained in waste materials.

(ii) Equation 1A to calculate the pre-control organic HAP emissions from all coatings used.

(iii) Equation 1B to calculate the pre-control organic HAP emissions from all thinners and additives used.

(iv) Equation 1C to calculate the pre-control organic HAP emissions from all cleaning materials used.

(2) The total volume of coating solids used (liters and/or gallons) on a monthly basis, using Equation 2 in 40 CFR § 63.3951(f).

(3) The organic HAP emission reduction due to controls (kilograms and/or pounds) for each affected coating operation, in accordance with Condition # 008(a)(3), Section C, of this permit, on a monthly basis, using Equations 1 and 1A–1D in 40 CFR § 63.3961(h) and (h)(1)–(4), respectively, the method specified in 40 CFR § 63.3951(e)(4)(i)–(iv), and the capture efficiency for the plant building and organic HAP destruction efficiency for the RTO (Source ID C07) determined in accordance with the requirements specified in 40 CFR §§ 63.3964–63.3966, as follows:

(i) Equation 1 to calculate the organic HAP emission reduction due to controls for each affected coating operation from all coatings, thinners, additives, and cleaning materials used (except those used during a deviation(s)) minus organic HAPs contained in waste materials.

(ii) Equation 1A to calculate the pre-control organic HAP emissions from all coatings used (except those used during a deviation(s)).

(iii) Equation 1B to calculate the pre-control organic HAP emissions from all thinners and additives used (except those used during a deviation(s)).

(iv) Equation 1C to calculate the pre-control organic HAP emissions from all cleaning materials used (except those used during a deviation(s)).

**SECTION C. Site Level Requirements**

(v) Equation 1D to calculate the organic HAP emissions from all coatings, thinners, additives, and cleaning materials used during a deviation(s).

(vi) The method specified in 40 CFR § 63.3951(e)(4)(i)–(iv) to calculate organic HAPs contained in waste materials.

(vii) The capture efficiency for the plant building determined in accordance with the requirements specified in 40 CFR §§ 63.3964–63.3965.

(viii) The organic HAP destruction efficiency for the RTO determined in accordance with the requirements specified in 40 CFR §§ 63.3964(a)–(b) and 63.3966(a)–(b) and (d)–(f).

(4) The post-control organic HAP emissions (kilograms and/or pounds) on a monthly basis, using Equation 4 of 40 CFR § 63.3961(l).

(5) The 12-month post-control organic HAP emission rate (kg/L coating solids and/or lbs/gal coating solids) on a monthly basis, using Equation 5 of 40 CFR § 63.3961(m).

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

The permittee shall calculate the following emissions from this facility on a monthly and 12-month rolling basis, using Department-approved methods:

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

IV. RECORDKEEPING REQUIREMENTS.**# 015 [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) and 63.6660(a)–(c); and 25 Pa. Code §§ 127.35(b), and 127.511(b)(1)–(2), and 129.52d(f)(3)–(4).]

The permittee shall maintain all records, reports, analysis results, monitoring data, and supporting information generated in compliance with the requirements of any section of this permit in accordance with Condition # 025(b), Section B, of this permit, and shall make them available to the Department upon written or verbal request within a reasonable time.

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(b)(1)–(2).]

(a) The permittee shall maintain records of all monitoring of odors, visible air contaminant emissions, and fugitive air contaminant emissions, including deviations from Condition #s 001–004, Section C, of this permit. All records of deviations shall include, at a minimum, the following for each incident:

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

**SECTION C. Site Level Requirements**

(b) The monitoring shall be recorded and maintained in a Department-approved format and time frame.

017 [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.

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.3930(a)–(k), 63.3942(d), 63.3952(d), and 63.3963(j); and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall maintain records of the following information for the affected coating operations at this facility:

- (a) All notifications and reports required to comply with 40 CFR Part 63, Subpart M (along with all supporting documentation).
- (b) A current copy of the information provided by the material supplier or manufacturer (e.g., environmental data sheet [EDS], certified product data sheet [CPDS], safety data sheet [SDS], etc.) used to determine the following operating parameters:
 - (1) The following for each coating, thinner, additive, and cleaning material:
 - (i) The organic HAP content (weight percent).
 - (ii) The density.
 - (2) The solids content (volume percent) for each coating.
- (c) The following for each compliance period (i.e., the 12-month rolling period in which compliance with the emission restrictions specified in Condition # 008(a), Section C, of this permit, and Condition # 001, Section D (under Source ID 303), of this permit, are determined):
 - (1) The starting and ending dates.
 - (2) The compliance option used for the affected coating operations.
 - (3) The following operating parameters for each coating, thinner, additive, and cleaning material used:
 - (i) The name.
 - (ii) The amount used (liters and/or gallons).
 - (iii) The organic HAP content (weight percent).

**SECTION C. Site Level Requirements**

(iv) The density.

(4) The solids content (volume percent) for each coating used.

(5) The following calculations:

(i) The organic HAP content for each coating used, using Equation 2 in 40 CFR § 63.3941(d), if the compliant material option is used.

(ii) The following if the emission rate without add-on controls option is used:

(A) The pre-control organic HAP emissions (including any allowance(s) claimed for organic HAPs contained in waste materials, if applicable) (kilograms and/or pounds) for each month, using Equations 1 and 1A–1C in 40 CFR § 63.3951(e) and (e)(1)–(3), respectively, and the method specified in 40 CFR § 63.3951(e)(4)(i)–(iv).

(B) The total volume of coating solids used (liters and/or gallons) for each month, using Equation 2 in 40 CFR § 63.3951(f).

(C) The 12-month pre-control organic HAP emission rate (kg/L coating solids and/or lbs/gal coating solids), using Equation 3 in 40 CFR § 63.3951(g).

(iii) The following if the emission rate with add-on controls option is used:

(A) The pre-control organic HAP emissions (kilograms and/or pounds) for each month, using Equations 1 and 1A–1C in 40 CFR § 63.3951(e) and (e)(1)–(3), respectively.

(B) The total volume of coating solids used (liters and/or gallons) for each month, using Equation 2 in 40 CFR § 63.3951(f).

(C) The organic HAP emission reduction due to controls (kilograms and/or pounds) for each affected coating operation, in accordance with Condition # 008(a)(3), Section C, of this permit, for each month, using Equations 1 and 1A–1D in 40 CFR § 63.3961(h) and (h)(1)–(4), respectively, and the method specified in 40 CFR § 63.3951(e)(4)(i)–(iv).

(D) The post-control organic HAP emissions (kilograms and/or pounds) for each month, using Equation 4 in 40 CFR § 63.3961(l).

(E) The 12-month post-control organic HAP emission rate (kg/L coating solids and/or lbs/gal coating solids), using Equation 5 in 40 CFR § 63.3961(m).

(6) The following for any allowance(s) claimed for organic HAPs contained in waste materials in (c)(5)(ii)(A) and/or (iii)(A), above, that were sent (or collected, stored, and designated for future transport) to a hazardous waste treatment, storage, and disposal facility (TSDF):

(i) The name and address of each TSDF.

(ii) A statement of which Subpart(s) of 40 CFR Parts 262 and 264–266 apply to each TSDF.

(iii) The following for each batch of waste materials sent (or collected, stored, and designated for future transport) to a TSDF:

(A) The affected coating operation(s) that generated the waste materials.

(B) The methodology used to determine the amount of waste materials (kilograms and/or pounds) comprising the batch.

(C) The methodology used to determine the amount of organic HAPs (kilograms and/or pounds) contained in the

**SECTION C. Site Level Requirements**

batch.

(D) The date of shipment, where applicable.

(E) The waste manifest for each shipment.

(7) The duration (including the starting and ending date(s) and times) of each deviation.

(d) The records specified in 40 CFR § 63.3930(k)(1)–(8) if the emission rate with add-on controls option is used.

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

The permittee shall maintain records of the following emissions from this facility on a monthly and 12-month rolling basis, calculated using Department-approved methods:

(a) The total VOC emissions.

(b) The total emissions of each individual HAP.

(c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 40 CFR § 63.6655(a)(2) and (5), and 25 Pa. Code §§ 127.35(b), 127.443(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 emailed 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.

(4) The expected duration of the malfunction or incident of excess emissions.

(5) The estimated rate of emissions.

(6) The corrective actions or preventative measures taken to minimize emissions, in accordance with Condition # 025, Section C, of this permit, including any corrective action(s) taken to restore malfunctioning equipment to its normal or usual

**SECTION C. Site Level Requirements**

manner of operation.

(d) Any malfunction, emergency, or incident of excess emissions that is not subject to the notice requirements specified in (b), above, shall be reported to the Department by telephone 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.

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

[Additional authority for this permit condition is derived from 40 CFR §§ 63.12(b)(1), 63.3920(a)(1)–(7), 63.3942(b)–(c), 63.3952(b)–(c), and 63.3962; and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) The permittee shall submit, to EPA and the Department electronically, by April 1 and October 1, of each year, a semi-annual compliance report for the affected coating operations at this facility for the reporting periods covering July 1–December 31, of the previous year, and January 1–June 30, of the same year, respectively. The compliance report shall include the following information:

(1) The name and address of the permittee.

(2) The date of the report.

(3) The starting and ending dates of the reporting period.

(4) The compliance option(s) used for each affected coating operation (if multiple compliance options were used for an affected coating operation during the reporting period, also indicate the starting and ending dates for each compliance option used).

(5) The 12-month organic HAP emission rate for each compliance period (that ends within the reporting period).
[Note: This does not apply for the compliant material option.]

(6) The following for each compliance period (that ends within the reporting period) in which a deviation occurs, as follows:

(i) The following under the compliant material option:

(A) The following for each coating, thinner, additive, and/or cleaning material used that deviates/does not comply with Condition # 008(a)(1), Section C, of this permit, and/or Condition # 001(a)(1), Section D (under Source ID 303), of this permit:

(I) The name.

(II) The duration (including the starting and ending date(s) and times) of its use.

(III) The cause.

**SECTION C. Site Level Requirements**

(B) The calculation indicated in Condition # 018(c)(5)(i), Section C, of this permit, for each coating identified in (a)(6)(i)(A)(I), above.

(C) Calculation of the organic HAP content (weight percent) for each thinner, additive, and/or cleaning material identified in (a)(6)(i)(A)(I), above.

(ii) The following under the emission rate without add-on controls option (when the 12-month pre-control organic HAP emission rate for an affected coating operation(s) deviates/does not comply with Condition # 008(a)(2), Section C, of this permit, and/or Condition # 001(a)(2), Section D (under Source ID 303), of this permit):

(A) The starting and ending dates.

(B) The cause.

(C) The calculations indicated in Condition # 018(c)(5)(ii)(A)–(C), Section C, of this permit.

(iii) The following under the emission rate with add-on controls option (when the 12-month post-control organic HAP emission rate for an affected coating operation(s) deviates/does not comply with Condition # 008(a)(3), Section C, of this permit, and/or Condition # 001(a)(3), Section D (under Source ID 303), of this permit, including during periods of startup, shutdown, and malfunction, or when emissions bypassed the RTO and exhausted into the outdoor atmosphere):

(A) The starting and ending dates.

(B) The cause.

(C) The calculations indicated in Condition # 018(c)(5)(iii)(A)–(C), Section C, of this permit.

(D) The information specified in 40 CFR § 63.3920(a)(7)(iii)–(xiii) and (b)–(c).

(7) The following statement(s), as applicable, if no deviations occur during the reporting period:

(i) Compliant material option: "The affected coating operation(s) was/were in compliance with the emission restrictions during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission restrictions in 40 CFR § 63.3890(b)(1), as determined in accordance with 40 CFR § 63.3941(a)–(d), and no thinners, additives, or cleaning materials containing organic HAPs were used, as determined in accordance with 40 CFR § 63.3941(a)."

(ii) Emission rate without add-on controls option: "The affected coating operation(s) was/were in compliance with the emission restrictions during the reporting period because the 12-month pre-control organic HAP emission rate for each compliance period did not exceed the applicable emission restrictions in 40 CFR § 63.3890(b)(1), as determined in accordance with 40 CFR § 63.3951(a)–(g)."

(iii) Emission rate with add-on controls option: "The affected coating operation(s)/facility was/were in compliance with the emission restrictions during the reporting period because the 12-month post-control organic HAP emission rate for each compliance period did not exceed the applicable emission restrictions in 40 CFR § 63.3890(b)(1), as determined in accordance with 40 CFR § 63.3961(e)–(h) and (k)–(m), and the operating limits required in 40 CFR § 63.3892(b) and the work practice standards required in 40 CFR § 63.3893(b)(1)–(5) were met during each compliance period."

(8) A statement by the responsible official certifying the truth, accuracy, and completeness of the content of the report (along with the name, title, and signature of the responsible official).

(b) The permittee shall submit the semi-annual compliance report in (a)(1)–(8), above, in accordance with Condition # 022(a)–(b), Section B, of this permit.

**SECTION C. Site Level Requirements****# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.511(c)(1)–(2) and 127.513(5)(i)–(v).]

(a) The permittee shall submit, to the Department electronically, the following reports:

(1) By April 1, of each year, an annual certificate of compliance, in accordance with Condition # 024(a)(1)–(4), Section B, of this permit, for the reporting period covering January 1–December 31, of the previous year.

(2) By October 1, of each year, a semi-annual deviation report, in accordance with Condition # 026(b), Section B, of this permit, for the reporting period covering January 1–June 30, of the same year. [Note: The annual certificate of compliance in (a)(1), above, fulfills the obligation for the second deviation reporting period (i.e., July 1–December 31, of each year).]

(b) The permittee shall submit, to EPA electronically, the annual certificate of compliance in (a), above, in accordance with Condition # 022(b), Section B, of this permit.

023 [25 Pa. Code §135.21]**Emission statements**

The permittee shall submit, to the Department, by March 1, of each year, an annual emission statement for nitrogen oxides (NOx) and VOC emissions for the preceding calendar year. Additionally, a description of the method used to calculate the emissions shall be included. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is true and accurate.

VI. WORK PRACTICE REQUIREMENTS.**# 024 [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(a) (see Condition # 001(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 onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

025 [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)–(ii), 63.3900(b), and 63.6605(b); and 25 Pa. Code §§ 127.35(b) and 127.444.]

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

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

[Additional authority for this permit condition is derived from 40 CFR § 63.3893(b)(1)–(5) and 25 Pa. Code §§ 127.35(b), 127.443(b), and 129.52d(i)–(j).]

**SECTION C. Site Level Requirements**

(a) The permittee shall ensure that the VOC- and organic HAP-containing materials (including, but not limited to, coatings, thinners, additives, parts lubes, cleaning materials, and waste materials) used at this facility are managed in accordance with the following good air pollution control practices:

- (1) Storing all VOC- and organic HAP-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 VOC- and organic HAP-containing materials are being added or removed.
- (2) Keeping all mixing vessels that contain VOC- and organic HAP-containing materials closed at all times, except when adding to, removing, or mixing the contents.
- (3) Minimizing spills of VOC- and organic HAP-containing materials, and cleaning up spills promptly.
- (4) Conveying VOC- and organic HAP-containing materials from one location to another in closed containers or pipes.
- (5) Minimizing VOC and organic HAP emissions from the cleaning of storage, mixing, and conveying equipment.

(b) The permittee shall develop, implement, and maintain records of a work practice plan to assure/demonstrate compliance with (a)(1)–(5), above.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

The permittee shall 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.

028 [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 # 019(g), Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.**# 029 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 63.3891 and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) Except as specified in (b)(1)–(2), below, the permittee shall use the compliant material option and/or emission rate without add-on controls option, in accordance with 40 CFR § 63.3891(b), as the compliance option(s) for the affected coating operations at this facility.

(b) The permittee may also use the emission rate with add-on controls option, in accordance with 40 CFR § 63.3891(a) and (c), respectively, as a compliance option for an affected coating operation(s) at the facility, if it does both of the following:

- (1) Demonstrates to the Department that it meets all the requirements specified for the compliance option(s) in 40 CFR § 63.3891(a) and/or (c), respectively. [Note: Upon such demonstration, the permittee would immediately be subject to all applicable provisions of 40 CFR Part 63, Subpart M, for that compliance option, though not all of these are detailed in this permit.]

- (2) Applies the compliance option in accordance with Condition # 008(a)–(b), Section C, of this permit.

**SECTION C. Site Level Requirements****# 030 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52d(d)(1).]

The permittee shall use the compliant materials option, in accordance with 25 Pa. Code § 129.52d(d)(1), as the compliance option for the affected coating units at this facility (i.e., Source IDs 202, 302, 303, 401, 402, 601A [excluding parts lubes], and 701A).

031 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 63.3881(c)(3), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) In addition to non-HAP-containing coatings, HAP-containing coatings used at this facility in amounts of less than 189 liters (50 gallons) per year may be considered exempt from the provisions of 40 CFR Part 63, Subpart MMMM, as well as the conditions in this permit that are based on (i.e., include an additional authority citation(s) to) said provisions (except those conditions that contain requirements necessary to demonstrate satisfaction with the exemption criteria), provided that the amount of all such exempt coatings used at the facility does not exceed 946 liters (250 gallons) per year. If all coatings used in an affected coating operation can be classified as either non-HAP-containing coatings or exempt coatings, then the affected coating operation may likewise be considered exempt from the provisions of 40 CFR Part 63, Subpart MMMM, as well as the conditions in this permit that are based on (i.e., include an additional authority citation(s) to) said provisions (except those conditions that contain requirements necessary to demonstrate satisfaction with the exemption criteria).

(b) The permittee shall maintain records of the following operating parameters for this facility:

(1) The following for each exempt coating used:

- (i) The name and identification number.
- (ii) The amount used (liters and/or gallons) on an annual basis.
- (iii) The affected coating operation in which used.

(2) The amount of all exempt coatings used (liters and/or gallons) on an annual basis.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

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

**SECTION D. Source Level Requirements**

Source ID: 202

Source Name: STEEL DRUM INTERIOR BAKE OVEN

Source Capacity/Throughput:

7.000 MMBTU/HR

6.849 MCF/HR

Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that natural gas is the only fuel consumed by this steel drum interior bake oven.

Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum interior bake oven does not exceed 6,000 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(2).]

The permittee shall monitor the hours of operation for this steel drum interior bake oven on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(b)(1)-(2).]

The permittee shall maintain records of the hours of operation for this steel drum interior bake oven 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 (Title V General Requirements).

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

The permittee shall ensure that the RTO (Source ID C07) associated with this steel drum interior bake oven is operating whenever steel drum shells are being cured in the bake oven.

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

This source consists of a two-zone, natural gas-fired steel drum interior bake oven manufactured by George Koch Sons, LLC. The bake oven is rated at 7.0 mmBtu/hr heat input (2.5 and 4.5 mmBtu/hr heat input for zones 1 and 2, respectively).

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

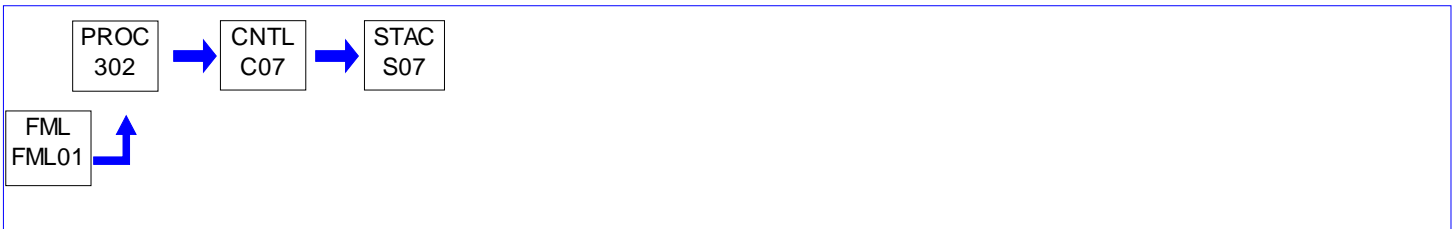
**SECTION D. Source Level Requirements**

Source ID: 302

Source Name: STEEL DRUM EXTERIOR BAKE OVEN

Source Capacity/Throughput: 4.500 MMBTU/HR

4.403 MCF/HR Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that natural gas is the only fuel consumed by this steel drum exterior bake oven.

Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum exterior bake oven does not exceed 6,000 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(2).]

The permittee shall monitor the hours of operation for this steel drum exterior bake oven on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(b)(1)-(2).]

The permittee shall maintain records of the hours of operation for this steel drum exterior bake oven 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 (Title V General Requirements).

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

The permittee shall ensure that the RTO (Source ID C07) associated with this steel drum exterior bake oven is operating whenever steel drums are being cured in the bake oven.

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

This source consists of a three-zone, natural gas-fired steel drum exterior bake oven manufactured by George Koch Sons, LLC. The bake oven is rated at 4.5 mmBtu/hr heat input (1.5 mmBtu/hr heat input per zone).

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

**SECTION D. Source Level Requirements**

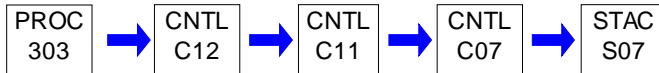
Source ID: 303

Source Name: STEEL DRUM EXTERIOR PAINT SPRAY BOOTH

Source Capacity/Throughput:

27.600 Gal/HR

EXTERIOR COATINGS

**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 40 CFR §§ 63.3890(a)(1), 63.3891, and 63.3900(a)(1) and (2)(i); and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) Except as specified in (c)(1)–(2), below, the permittee shall ensure that the emission into the outdoor atmosphere of organic HAPs from this steel drum exterior paint spray booth, including through the associated bake oven (Source ID 302), occurs in such a manner that the rate of the emission does not exceed 0.23 kg/L coating solids (1.9 lbs/gal coating solids) used during any 12-month rolling period, as follows:

(1) Compliant material option: The organic HAP content of each coating used in the spray booth shall not exceed the above emission restriction, and each thinner, additive, and cleaning material used in the spray booth shall contain no organic HAPs.

(2) Emission rate without add-on controls option: The pre-control organic HAP emission rate for the spray booth shall not exceed the above emission restriction.

(3) Emission rate with add-on controls option: The post-control organic HAP emission rate (i.e., after consideration of the capture efficiency for the facility and VOC destruction efficiency of the RTO) for the spray booth shall not exceed the above emission restriction. [Note: This compliance option may only be used if it is applied to all affected coating operations at the facility.]

(b) The permittee shall apply the compliance options in (a)(1)–(3), above, in accordance with (the first paragraph of) 40 CFR § 63.3891.

(c) The organic HAP emission rate specified in (a), above, is only applicable to the application of general use coatings in the spray booth at the facility. The permittee shall not apply any other type(s) of coating, as indicated in 40 CFR § 63.3881(a)(3)–(6), in the spray booth unless it does both of the following:

(1) Obtains prior approval from the Department for the type(s) of coating.

(2) Demonstrates to the Department that the spray booth will meet the applicable organic HAP emission rate restriction(s) indicated in 40 CFR § 63.3890(a)(1)–(5) and (b)(2)–(5) (applying the compliance options in accordance with (a)–(b), above).

Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum exterior paint spray booth does not exceed 6,000 hours per year, calculated monthly as a 12-month rolling sum.

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

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

The permittee shall monitor the following operating parameters for this steel drum exterior paint spray booth:

- (a) The hours of operation, on an operating day basis.
- (b) The amount of each as supplied⁴ coating, thinner, additive, and cleaning material used (liters and/or gallons) on an operating day basis.
- (c) The amount of each as applied⁴ coating and cleaning material used (liters and/or gallons) on an operating day, monthly and 12-month rolling basis.

⁴ As defined in 25 Pa. Code § 121.1.

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

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

The permittee shall calculate the following emissions from this steel drum exterior paint spray booth on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b), 127.511(b)(1)–(2), and 129.52d(f)(1)(i)–(iv).]

- (a) The permittee shall maintain records of the following operating parameters for this steel drum exterior paint spray booth:
 - (1) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
 - (2) The following for each as supplied coating, thinner, additive, and cleaning material used:
 - (i) The name and identification number.
 - (ii) The amount used (liters and/or gallons) on an operating day basis.
 - (iii) The mix ratio.
 - (iv) The density and/or specific gravity.

**SECTION D. Source Level Requirements**

- (v) The total volatiles content (weight percent and volume percent).
- (vi) The water content (weight percent and volume percent).
- (vii) The exempt compounds content (weight percent and volume percent).
- (viii) The solids content (volume percent).
- (ix) The VOC content (weight percent; kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids), obtained from one of the following:
 - (A) An EDS.
 - (B) A CPDS.
 - (C) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (D) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.
 - (E) An alternative method, as approved by the Department.
- (x) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (a)(2)(ix), above, or calculated using a Department-approved method(s).
- (3) The amount of each as applied coating and cleaning material used (liters and/or gallons) on operating day, monthly, and 12-month rolling basis, calculated using a Department-approved method(s).
- (4) The following for each as applied coating used, calculated using a Department-approved method(s):
 - (i) The VOC content (kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids).
 - (ii) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids).
- (b) The permittee shall maintain records of the calculations performed to determine (a)(4)(i)–(ii), above.

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

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

The permittee shall maintain records of the dates that the filters (Source ID C11) associated with this steel drum exterior paint spray booth are cleaned or replaced, as applicable.

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

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

The permittee shall maintain records of the following emissions from this steel drum exterior paint spray booth on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52d(d)(1).]

The permittee shall ensure that the VOC content of any as applied coating used in this steel drum exterior paint spray booth does not exceed 2.8 lbs/gal, less water and exempt compounds.

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

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

The permittee shall ensure that the air pollution control devices of or associated with this steel drum exterior paint spray booth are operated and maintained, as follows, whenever coatings are being applied in the spray booth:

- (a) None of the filters (Source ID C11) OF the spray booth are missing, damaged, or have gaps in between them.
- (b) The only gaps or openings in the associated spray booth/conveyor enclosure (Source ID C12) and bake oven (Source ID 302) are those through which air has been demonstrated to flow inwards with an average facial velocity of equal to or greater than 200 ft/min (or a differential pressure of equal to or greater than 0.007 inches of water).
- (c) The RTO (Source ID C07) associated with the spray booth is operated and maintained in accordance with Condition # 007, Section D (under Source ID C07), of this permit.

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

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

(a) The permittee shall ensure that the filters (Source ID C11) associated with this steel drum exterior paint spray booth are maintained in accordance with the following schedule:

- (1) The galvanized baffle primary filters are cleaned or swapped with clean filters on an operating day basis, or as needed.
- (2) The polyfiber cartridge, or equivalent, recirculating filters are replaced on an operating week basis, or as needed.
- (3) The polypad, or equivalent, secondary filters are replaced on an operating week basis, or as needed.

(b) A sufficient quantity of spare filters shall be kept on hand for replacement of deteriorated or ineffective filters.

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

This source consists of a steel drum exterior paint spraybooth. The spraybooth is equipped with fourteen automatic airless spray guns, model no. A7A, manufactured by Nordson Corp., or equivalent, which are each fitted with a spray nozzle and used to transfer heated exterior coatings onto the exterior of steel drums. Each spray gun is fitted with a spray nozzle, and the spray guns are mounted in various configurations over several stages. The steel drum spins on clockwise and counterclockwise spinners during the various stages of spraying.

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

**SECTION D. Source Level Requirements**

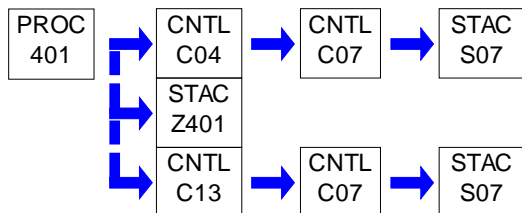
Source ID: 401

Source Name: STEEL DRUM PARTS LINING/PAINT SPRAY BOOTH

Source Capacity/Throughput:

3.500 Gal/HR

INT/EXT COATINGS

**I. RESTRICTIONS.****Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum parts⁵ lining/paint spray booth does not exceed 6,000 hours per year, calculated monthly as a 12-month rolling sum.

⁵ Except as used in Section D (under Source ID 501), of this permit, the term "parts" refers to the top and bottom lids of steel drums.

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(2).]

The permittee shall monitor the following operating parameters for this steel drum parts lining/paint spray booth:

- (a) The hours of operation, on an operating day basis.
- (b) The amount of each as supplied coating, thinner, additive, and cleaning material used (liters and/or gallons) on an operating day basis.
- (c) The amount of each as applied coating and cleaning material used (liters and/or gallons) on an operating day, monthly and 12-month rolling basis.

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

The permittee shall calculate the following emissions from this steel drum parts lining/paint spray booth on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b), 127.511(b)(1)–(2), and 129.52d(f)(1)(i)–(iv).]

(a) The permittee shall maintain records of the following operating parameters for this steel drum parts lining/paint spray booth:

- (1) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
 - (2) The following for each as supplied coating, thinner, additive, and cleaning material used:
 - (i) The name and identification number.
 - (ii) The amount used (liters and/or gallons) on an operating day basis.
 - (iii) The mix ratio.
 - (iv) The density and/or specific gravity.
 - (v) The total volatiles content (weight percent and volume percent).
 - (vi) The water content (weight percent and volume percent).
 - (vii) The exempt compounds content (weight percent and volume percent).
 - (viii) The solids content (volume percent).
 - (ix) The VOC content (weight percent; kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids), obtained from one of the following:
 - (A) An EDS.
 - (B) A CPDS.
 - (C) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (D) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.
 - (E) An alternative method, as approved by the Department.
 - (x) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (a)(2)(ix), above, or calculated using a Department-approved method(s).
 - (3) The amount of each as applied coating and cleaning material used (liters and/or gallons) on operating day, monthly, and 12-month rolling basis, calculated using a Department-approved method(s).
 - (4) The following for each as applied coating used, calculated using a Department-approved method(s):
 - (i) The VOC content (kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids).
 - (ii) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids).
- (b) The permittee shall maintain records of the calculations performed to determine (a)(4)(i)–(ii), above.

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

The permittee shall maintain records of the dates that the filters (Source ID C04) associated with this steel drum parts lining/paint spray booth are replaced.

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

The permittee shall maintain records of the following emissions from this steel drum parts lining/paint spray booth on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52d(d)(1).]

The permittee shall ensure that the VOC content of any as applied coating used in this steel drum parts lining/paint spray booth does not exceed the following:

Coating Type	Lbs/gal, Less Water and Exempt Compounds
Interior	3.5
Exterior	2.8

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

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

The permittee shall ensure that the air pollution control devices of or associated with this steel drum parts lining/paint spray booth are operated and maintained, as follows, whenever coatings are being applied in the spray booth:

- (a) None of the filters (Source ID C04) of the spray booth are missing, damaged, or have gaps in between them.
- (b) The only gaps or openings in the associated spray booth/conveyor enclosure (Source ID C13) and bake oven (Source ID 402) are those through which air has been demonstrated to flow inwards with an average facial velocity of equal to or greater than 200 ft/min (or a differential pressure of equal to or greater than 0.007 inches of water).
- (c) The associated RTO (Source ID C07) is operated and maintained in accordance with Condition # 007, Section D (under Source ID C07), of this permit.

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

(a) The permittee shall ensure that the filters (Source ID C04) associated with this steel drum parts lining/paint spray booth are replaced in accordance with the following schedule:

**SECTION D. Source Level Requirements**

- (1) The fiberglass panel, or equivalent, primary filters, on an operating day basis, or as needed.
 - (2) The polyfiber cartridge, or equivalent, recirculating filters, on an operating week basis, or as needed.
 - (3) The fiberglass roll, or equivalent, secondary filter, on an operating week basis, or as needed.
 - (4) The polyfiber box, or equivalent, final filters, on a monthly basis, or as needed.
- (b) A sufficient quantity of spare filters shall be kept on hand for replacement of deteriorated or ineffective filters.

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

This source consists of a steel drum parts lining/paint spray booth manufactured by Blonson. The spray booth is equipped with two automatic airless spray guns, model no. A7A, manufactured by Nordson Corp., or equivalent, which are used to transfer heated interior and exterior coatings onto the insides and outsides, respectively, of steel drum parts. Both spray guns are fitted with a spray nozzle and are stationary while the steel drum parts spin on magnetic stanchions during spraying.

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

**SECTION D. Source Level Requirements**

Source ID: 402

Source Name: STEEL DRUM PARTS BAKE OVEN

Source Capacity/Throughput: 3.700 MMBTU/HR

3.620 MCF/HR Natural Gas

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that natural gas is the only fuel consumed by this steel drum parts bake oven.

Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum parts bake oven does not exceed 6,000 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(2).]

The permittee shall monitor the hours of operation for this steel drum parts bake oven on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(b)(1)-(2).]

The permittee shall maintain records of the hours of operation for this steel drum parts bake oven 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 (Title V General Requirements).

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

The permittee shall ensure that the RTO (Source ID C07) associated with this steel drum parts bake oven is operating whenever steel drum parts are being cured in the bake oven.

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

This source consists of a two-zone, natural gas-fired steel drum parts bake oven manufactured by George Koch Sons, LLC. The bake oven is rated at 3.7 mmBtu/hr heat input (2.5 and 1.2 mmBtu/hr heat input for zones 1 and 2, respectively).

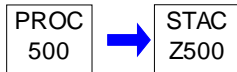
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 500

Source Name: SILK SCREEN MACHINE

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

The permittee shall monitor the following operating parameters for this silk screen machine on a monthly and 12-month rolling basis:

- (a) The amount of each as supplied ink, thinner, additive, and cleaning material used (liters and/or gallons).
- (b) The amount of each as applied ink and cleaning material used (liters and/or gallons).

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

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

The permittee shall calculate the following emissions from this silk screen machine on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(b)(1)–(2).]

- (a) The permittee shall maintain records of the following operating parameters for this silk screen machine:
 - (1) The following for each as supplied ink, thinner, additive, and cleaning material used:
 - (i) The name and identification number.
 - (ii) The amount used (liters and/or gallons) on an operating day basis.

**SECTION D. Source Level Requirements**

- (iii) The mix ratio.
 - (iv) The density and/or specific gravity.
 - (v) The total volatiles content (weight percent and volume percent).
 - (vi) The water content (weight percent and volume percent).
 - (vii) The exempt compounds content (weight percent and volume percent).
 - (viii) The solids content (volume percent).
 - (ix) The VOC content (weight percent), obtained from one of the following:
 - (A) An EDS.
 - (B) A CPDS.
 - (C) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (D) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.
 - (E) An alternative method, as approved by the Department.
 - (x) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating [ink] solids), either obtained in the same manner as the VOC content in (a)(2)(ix), above, or calculated using a Department-approved method(s).
- (2) The amount of each as applied ink and cleaning material used (liters and/or gallons) on operating day, monthly, and 12-month rolling basis, calculated using a Department-approved method(s).
- (3) The following for each as applied ink used, calculated using a Department-approved method(s):
- (i) The VOC content (weight percent).
 - (ii) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating [ink] solids).
- (b) The permittee shall maintain records of the calculations performed to determine (a)(3)(i)–(ii), above.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain records of the following emissions from this silk screen machine on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a silk screen machine manufactured by MERCO. The silk screen machine is used to apply company names, logos, or similar markings to steel drums.

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

**SECTION D. Source Level Requirements**

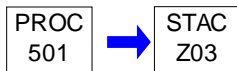
Source ID: 501

Source Name: COLD CLEANING MACHINE

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 (Title V General Requirements).

II. TESTING REQUIREMENTS.

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

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

(a) The permittee shall use appropriate and representative emission factors from AP-42, Compilation of Air Pollutant Emission Factors, Volume I, Fifth Edition, Chapter 4.6, as follows, or the most recent revision, to calculate the total VOC emissions from this cold cleaning machine on a monthly and 12-month rolling basis:

(1) Table 4.6-2: A VOC emission factor based on "cold cleaner, entire unit" as the type of degreasing, and "units in operation" as the activity measure.

(2) Table 4.6-3: A VOC emission reduction factor based on an average value for the total emission reduction.

(b) The permittee shall use the emission factors in (a)(1)–(2), above, and the individual HAP content(s) (weight percent) for the solvent used in the cold cleaning machine, obtained from one of the following, to calculate the total emissions of each individual HAP and all combined HAPs:

(1) An EDS.

(2) A CPDS.

(3) An SDS. If the individual HAP content value(s) is reported as a range, the upper bound of the range shall be considered the actual value.

(4) An alternative method, as approved by the Department.

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

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

(a) The permittee shall maintain records of the following information for the solvent used in this cold cleaning machine⁶:

(1) The type of solvent used, including the product or vendor identification number.

(2) The name and address of the solvent supplier.

⁶ As defined in 25 Pa. Code § 121.1.

**SECTION D. Source Level Requirements**

(3) The vapor pressure of the solvent (mm Hg, at 20 °C [68 °F]).

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

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

The permittee shall maintain records of the following emissions from this cold cleaning machine on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

V. REPORTING REQUIREMENTS.

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

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

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

The permittee shall ensure that it does not use any solvent in this cold cleaning machine with both a vapor pressure of equal to or greater than 1.0 mm Hg and a VOC content of greater than 5%, by weight, measured at 20 °C (68 °F).

005 [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 cold cleaning machine 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.

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

The permittee shall ensure that all solvent used in this cold cleaning machine immediately drains into the solvent storage reservoir.

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)(3)(i)–(v).]

The permittee shall ensure that this cold cleaning machine 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 of parts using a flexible hose or other flushing device shall be performed only within the cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cleaning

**SECTION D. Source Level Requirements**

machine.

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

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

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)(2)(i)(A)–(C).]

The permittee shall ensure that this cold cleaning machine has a permanent, conspicuous label summarizing the operating requirements indicated in Condition # 007(a)–(e), Section D (under Source ID 501), of this permit. In addition, the label shall include the following good operating practices:

(a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while draining. During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the cleaning machine.

(b) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

(c) Work area fans should be located and positioned so that they do not blow across the opening of the cleaning machine.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists/shall consist of a remote reservoir cold cleaning machine, model no. 30.3r, manufactured by Safety-Kleen Systems, Inc., or equivalent. The cleaning machine has/shall have a solvent capacity of approximately 17 gallons.

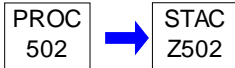
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 502

Source Name: INKJET PRINTER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

The permittee shall monitor the following operating parameters for this inkjet printer on a monthly and 12-month rolling basis:

- (a) The amount of each as supplied ink, thinner, additive, and cleaning material used (liters and/or gallons).
- (b) The amount of each as applied ink and cleaning material used (liters and/or gallons).

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

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

The permittee shall calculate the following emissions from this inkjet printer on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(b)(1)–(2).]

- (a) The permittee shall maintain records of the following operating parameters for this inkjet printer:
 - (1) The following for each as supplied ink, thinner, additive, and cleaning material used:
 - (i) The name and identification number.
 - (ii) The amount used (liters and/or gallons) on an operating day basis.

**SECTION D. Source Level Requirements**

- (iii) The mix ratio.
 - (iv) The density and/or specific gravity.
 - (v) The total volatiles content (weight percent and volume percent).
 - (vi) The water content (weight percent and volume percent).
 - (vii) The exempt compounds content (weight percent and volume percent).
 - (viii) The solids content (volume percent).
 - (ix) The VOC content (weight percent), obtained from one of the following:
 - (A) An EDS.
 - (B) A CPDS.
 - (C) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (D) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.
 - (E) An alternative method, as approved by the Department.
 - (x) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (a)(2)(ix), above, or calculated using a Department-approved method(s).
- (2) The amount of each as applied ink and cleaning material used (liters and/or gallons) on operating day, monthly, and 12-month rolling basis, calculated using a Department-approved method(s).
- (3) The following for each as applied ink used, calculated using a Department-approved method(s):
- (i) The VOC content (weight percent).
 - (ii) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating [ink] solids).
- (b) The permittee shall maintain records of the calculations performed to determine (a)(3)(i)–(ii), above.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain records of the following emissions from this inkjet printer on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an inkjet printer, which is used to apply bar codes or similar markings onto steel drums.

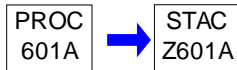
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 601A

Source Name: SEAMING OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

The permittee shall monitor the amount of each as supplied/as applied seaming compound, parts lube, cleaning material, and cleanup solvent⁷ used (gallons) in this seaming operation on a monthly and 12-month rolling basis.

⁷ As defined in 25 Pa. Code § 121.1.

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

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

The permittee shall calculate the following emissions from this seaming operation on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b), 127.511(b)(1)–(2), and 129.52d(f)(1)(i)–(iv).]

The permittee shall maintain records of the following operating parameters for each as supplied/as applied seaming compound, parts lube, cleaning material, and cleanup solvent used in this seaming operation:

- (a) The name and identification number.
- (b) The amount used (gallons) on a monthly and 12-month rolling basis.
- (c) The density and/or specific gravity.

**SECTION D. Source Level Requirements**

(d) The following for each as supplied/as applied seaming compound and cleaning material used:

(1) The total volatiles content (weight percent and volume percent).

(2) The water content (weight percent and volume percent).

(3) The exempt compounds content (weight percent and volume percent).

(4) The solids content (volume percent).

(5) The VOC content (weight percent; g/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids), obtained from one of the following:

(i) An EDS.

(ii) A CPDS.

(iii) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.

(iv) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.

(v) An alternative method, as approved by the Department.

(6) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (d)(5), above, or calculated using a Department-approved method(s).

(e) The VOC content (weight percent; and g/L and/or lbs/gal, less water and exempt compounds) of each as supplied/as applied parts lube and cleanup solvent used, obtained from one of the following:

(1) An EDS.

(2) A CPDS.

(3) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.

(4) An alternative method, as approved by the Department.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain records of the following emissions from this seaming operation on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

(a) The total VOC emissions.

(b) The total emissions of each individual HAP.

(c) The total emissions of all combined HAPs.

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

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52d(d)(1).]

The permittee shall ensure that the VOC content of each as supplied/as applied seaming compound used in this seaming operation does not exceed 3.5 lbs/gal, less water and exempt compounds.

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a seaming operation. Seaming compound is used to seal the channels between the drum shells and parts during seaming (i.e., rolling the flanges of the drum shells and precurls of the parts together to form the chimes). Parts lube is used on the seaming rollers to minimize metal-on-metal friction during seaming.

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

**SECTION D. Source Level Requirements**

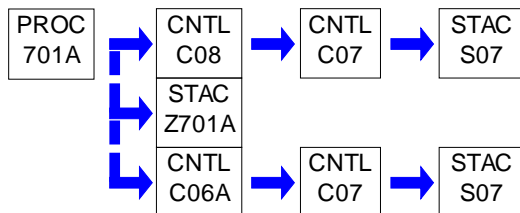
Source ID: 701A

Source Name: STEEL DRUM INTERIOR LINING/EXTERIOR STRIPING SPRAY BOOTH

Source Capacity/Throughput:

31.300 Gal/HR

INT/EXT COATINGS

**I. RESTRICTIONS.****Operation Hours 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 § 127.443(b).]

The permittee shall ensure that the total operating time of this steel drum interior lining/exterior striping spray booth does not exceed 6,000 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 (Title V General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.511(a)(2).]

The permittee shall monitor the following operating parameters for this steel drum interior lining/exterior striping spray booth:

- (a) The hours of operation, on an operating day basis.
- (b) The amount of each as supplied coating, thinner, additive, and cleaning material used (liters and/or gallons) on an operating day basis.
- (c) The amount of each as applied coating and cleaning material used (liters and/or gallons) on an operating day, monthly and 12-month rolling basis.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate the following emissions from this steel drum interior lining/exterior striping spray booth on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b), 127.511(b)(1)–(2), and 129.52d(f)(1)(i)–(iv).]

(a) The permittee shall maintain records of the following operating parameters for this steel drum interior lining/exterior striping spray booth:

- (1) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (2) The following for each as supplied coating, thinner, additive, and cleaning material used:
 - (i) The name and identification number.
 - (ii) The amount used (liters and/or gallons) on an operating day basis.
 - (iii) The mix ratio.
 - (iv) The density and/or specific gravity.
 - (v) The total volatiles content (weight percent and volume percent).
 - (vi) The water content (weight percent and volume percent).
 - (vii) The exempt compounds content (weight percent and volume percent).
 - (viii) The solids content (volume percent).
 - (ix) The VOC content (weight percent; kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids), obtained from one of the following:
 - (A) An EDS.
 - (B) A CPDS.
 - (C) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (D) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.
 - (E) An alternative method, as approved by the Department.
 - (x) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (a)(2)(ix), above, or calculated using a Department-approved method(s).
- (3) The amount of each as applied coating and cleaning material used (liters and/or gallons) on operating day, monthly, and 12-month rolling basis, calculated using a Department-approved method(s).
- (4) The following for each as applied coating used, calculated using a Department-approved method(s):
 - (i) The VOC content (kg/L and/or lbs/gal, less water and exempt compounds; and kg/L and/or lbs/gal of coating solids).
 - (ii) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids).

(b) The permittee shall maintain records of the calculations performed to determine (a)(4)(i)–(ii), above.

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

The permittee shall maintain records of the dates that the filters (Source ID C06A) associated with this steel drum interior lining/exterior striping spray booth are replaced.

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

The permittee shall maintain records of the following emissions from this steel drum interior lining/exterior striping spray booth on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code § 129.52d(d)(1).]

The permittee shall ensure that the VOC content of the as applied coatings used in this steel drum interior lining/exterior striping spray booth does not exceed the following:

Coating Type	Lbs/gal, Less Water and Exempt Compounds
Interior	3.5
Exterior	2.8

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

The permittee shall ensure that the air pollution control devices of or associated with this steel drum interior lining/exterior striping spray booth are operated and maintained, as follows, whenever coatings are being applied in the spray booth:

- (a) None of the filters (Source ID C06A) of the spray booth are missing, damaged, or have gaps in between them.
- (b) The only gaps or openings in the associated spray booth/conveyor enclosure (Source ID C08) and bake oven (Source ID 202) are the following:
 - (1) Those through which air has been demonstrated to flow inwards with an average facial velocity of equal to or greater than 200 ft/min (or a differential pressure of equal to or greater than 0.007 inches of water).
 - (2) An open panel along the conveyor at which an employee is situated and actively performing quality assurance testing on a steel drum shell(s).
- (c) The RTO (Source ID C07) associated with the spray booth is operated and maintained in accordance with Condition # 007, Section D (under Source ID C07), of this permit.

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

(a) The permittee shall ensure that the filters (Source ID C06A) associated with this steel drum interior lining/exterior striping spray booth are replaced in accordance with the following schedule:

- (1) The fiberglass panel, or equivalent, primary filters, on an operating day basis, or as needed.
- (2) The polyfiber cartridge, or equivalent, recirculating and secondary filters, on an operating week basis, or as needed.

(b) A sufficient quantity of spare filters shall be kept on hand for replacement of deteriorated or ineffective filters.

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

This source consists of a steel drum interior lining/exterior striping spray booth manufactured by Van Leer Containers, Inc. The spray booth is equipped with six automatic airless spray guns, model no. A7A, manufactured by Nordson Corp., or equivalent, as follows:

(a) Four spray guns are used to transfer heated interior coatings onto the interior of steel drum shells. Each spray gun is fitted with a 6-inch (diameter) centrifugal spray disk and mounted on a lance that moves down and up through the steel drum shells during spraying.

(b) Two spray guns are used to transfer heated exterior coatings onto the middle portion of the exterior of steel drum shells (i.e., striping). Both spray guns are fitted with a spray nozzle and are mounted along the middle portion of the steel drum shells at the second and third interior lining locations. The steel drum spins clockwise on spinners at these locations to allow for the concurrent lining and striping of steel drum shells.

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

**SECTION D. Source Level Requirements**

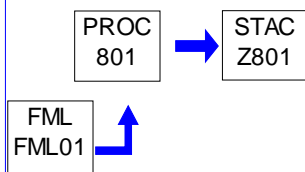
Source ID: 801

Source Name: EMERGENCY GENERATOR SET

Source Capacity/Throughput:

215.260 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 § 127.443(b).]

The permittee shall ensure that emission into the outdoor atmosphere of NO_x from the plan approval-exempt engine of this emergency generator set is less than the following rates:

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

[Note: The NO_x emission rate restrictions specified above apply to the combined NO_x emissions from all plan approval-exempt engines at the facility, including those installed in the future without obtaining a plan approval and/or operating permit.]

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 § 127.443(b).]

The permittee shall ensure that natural gas is the only fuel consumed by the plan approval-exempt engine of this emergency generator set.

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)(2)–(3); and 25 Pa. Code §§ 127.35(b), 127.443(b), and 129.93(c)(5).]

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

- (a) A total operating time of less than 500 hrs/yr, calculated monthly as a 12-month rolling sum.
- (b) A total operating time of less than or equal to a total of 50 hours per calendar year for non-emergency situations, except that the following operations are prohibited:

**SECTION D. Source Level Requirements**

- (1) Peak shaving.
- (2) Demand response.
- (3) Supplying power to an electric grid to generate income, or as part of a financial arrangement with another entity, unless all of the following conditions are met:⁸
 - (i) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
 - (ii) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
 - (iii) The dispatch is in accordance with reliability, emergency operation, or similar protocols that follow specific North American Electric Reliability Corporation (NERC), regional, state, public utility commission, or local standards or guidelines.
 - (iv) The power is provided only to the facility itself or to support the local transmission and distribution system.
 - (v) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission, or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee.
- (c) A total operating time of less than or equal to a total of 100 hours per calendar year for the following purposes:
 - (1) Any maintenance (e.g., routine and/or preventative maintenance, including readiness testing and tuneups; repairs; parts replacement; adjustments; calibrations; etc.).
 - (2) The non-emergency situations indicated in (b), above.

[Compliance with this permit condition assures that the engine is considered an emergency engine in accordance with the provisions of 40 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.]

⁸ On September 23, 2015, the U.S. Court of Appeals for the District of Columbia Circuit granted 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.]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

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

- (a) The hours of operation.
- (b) The amount of natural gas consumed.

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

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

The permittee shall use the worst-case NO_x emission factor from AP-42, Compilation of Air Pollutant Emission Factors, Volume I, Fifth Edition, Chapter 3.2, updated July 2000,⁹ and records of the amount of natural gas consumed, to calculate the total NO_x emissions (either actual or worst-case) from the plan approval-exempt engine of this emergency generator set on a monthly, ozone season, and 12-month rolling basis.

⁹ Unless an alternative emission factor is approved by the Department, in writing.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(b)(1)–(2).]

The permittee shall maintain records of the following operating parameters for the plan approval-exempt engine of this emergency generator set on a monthly and 12-month rolling basis:

- (a) The hours of operation.
- (b) The amount of natural gas consumed, calculated using a Department-approved method.

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

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

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

008 [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) and 63.6655(a)(1) and (4), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

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

- (a) All notifications required to comply with 40 CFR Part 63, Subpart ZZZZ (along with all supporting documentation).
- (b) All maintenance. These records shall contain, at a minimum, the following:
 - (1) The date and time of the maintenance.
 - (2) The type of maintenance performed.

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

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

The permittee shall maintain records of the total NO_x emissions (either actual or worst-case) from the plan approval-exempt engine of this emergency generator set on a monthly, ozone season, and 12-month rolling basis, calculated using a Department-approved method(s).

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

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

VI. WORK PRACTICE REQUIREMENTS.**# 010 [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), 127.443(b), and 127.444.]

(a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the manufacturers' emission-related written instructions.

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

011 [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) and 127.443(b).]

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

012 [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) and 127.443(b).]

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

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

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

(3) The oil and filter are changed every 1,000 hours of operation or on an annual basis, whichever comes first.

(4) The air cleaner is inspected every 1,000 hours of operation or on an annual basis, whichever comes first.

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

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

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

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

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

**SECTION D. Source Level Requirements**

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

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

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

(a) This source consists of an emergency generator set, model no. 004666, manufactured by Generac Power Systems, Inc. The emergency generator set was installed in 2003, and is rated at 13 ekW power output.

(b) The emergency generator set is equipped with a two-cylinder, natural gas-fired (plan approval-exempt) engine, model no. GT-990, manufactured by Generac Power Systems, Inc. The engine is rated at 26 bhp power output and has a displacement of 0.496 liters per cylinder.

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

The plan approval-exempt engine of this emergency generator set, as specified in Condition # 013(b), Section D (under Source ID 801), of this permit, is 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. These shall be submitted in accordance with Condition # 022, Section B, of this permit.

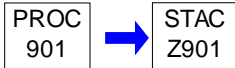
*** **Permit Shield in Effect.** ***

**SECTION D. Source Level Requirements**

Source ID: 901

Source Name: ADHESIVES OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(a)(2).]

The permittee shall monitor the amount of each as supplied/as applied adhesive and cleaning material used (liters and/or gallons) in this adhesives operation on a monthly and 12-month rolling basis.

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

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

The permittee shall calculate the following emissions from this adhesives operation on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total emissions of all combined HAPs.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 127.443(b) and 127.511(b)(1)–(2).]

The permittee shall maintain records of the following operating parameters for each as supplied/as applied adhesive and cleaning material used in this adhesives operation:

- (a) The name and identification number.
- (b) The amount used (liters and/or gallons) on a monthly and 12-month rolling basis.
- (c) The density and/or specific gravity.
- (d) The total volatiles content (weight percent and volume percent).
- (e) The water content (weight percent and volume percent).

**SECTION D. Source Level Requirements**

(f) The exempt compounds content (weight percent and volume percent).

(g) The solids content (volume percent).

(h) The VOC content (weight percent; and g/L and/or lbs/gal, less water and exempt compounds), obtained from one of the following:

(1) An EDS.

(2) A CPDS.

(3) An SDS. If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.

(4) Testing in accordance with EPA Method 24, as specified in 40 CFR Part 60, Appendix A.

(5) An alternative method, as approved by the Department.

(i) The organic HAP content (weight percent, and kg/L and/or lbs/gal of coating solids), either obtained in the same manner as the VOC content in (h), above, or calculated using a Department-approved method(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain records of the following emissions from this adhesives operation on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

(a) The total VOC emissions.

(b) The total emissions of each individual HAP.

(c) The total emissions of all combined HAPs.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Additional authority for this permit condition is derived from 25 Pa. Code § 129.77(k)(3).]

The permittee shall ensure that the VOC content of each as supplied/as applied adhesive used in this adhesives operation is less than 20 g/L (0.17 lbs/gal), less water and exempt compounds.

[Compliance with this permit condition assures that the adhesives operation is not subject to the provisions of 25 Pa. Code § 129.77.]

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of an adhesives operation. Adhesives are used to glue rubber gaskets to the inside rim of parts (top

**SECTION D. Source Level Requirements**

lids only) that are not seamed to steel drum shells via the seaming operation (Source ID 601A).

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

**SECTION D. Source Level Requirements**

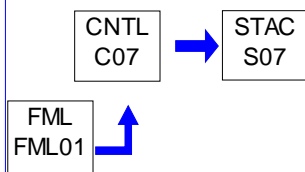
Source ID: C07

Source Name: REGENERATIVE THERMAL OXIDIZER (RTO)

Source Capacity/Throughput:

7.339 MCF/HR

Natural Gas

**I. RESTRICTIONS.****Fuel 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 § 127.443(b).]

The permittee shall ensure that natural gas is the only fuel consumed by this RTO.

Control Device Efficiency 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 §§ 127.1, 127.443(b), and 129.51(a)(1)–(6).]

(a) The permittee shall ensure that this RTO achieves and maintains 100% capture of the exhaust gas flow from the spray booths and associated spray booth/conveyor enclosures and bake ovens at the facility, as follows, with a VOC destruction efficiency of equal to or greater than 98.0%:

(1) The steel drum exterior paint spray booth and associated spray booth/conveyor enclosure and bake oven (Source IDs 303, C12, and 302, respectively).

(2) The steel drum parts lining/paint spray booth and associated spray booth/conveyor enclosure and bake oven (Source IDs 401, C13, and 402, respectively).

(3) The steel drum interior lining/exterior striping spray booth and associated spray booth/conveyor enclosure and bake oven (Source IDs 701A, C08, and 202, respectively).

(b) In lieu of the VOC destruction efficiency restriction indicated in (a), above, the RTO may achieve and maintain an outlet VOC emission concentration of less than or equal to 20 ppmv, dry basis, as methane (7 ppmv, dry basis, as propane).

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 Chapter 139.]

(a) On or before July 8, 2027, the permittee shall perform the following tests, in accordance with the provisions of 25 Pa. Code Chapter 139. During the tests, the affected coating units at this facility specified in Condition # 030, Section C, of this permit, shall be operated at normal operating capacities, such that the test results are representative of maximum routine operating conditions:

(1) Capture efficiency tests for the spray booths and associated spray booth/conveyor enclosures and bake ovens (prior to the entrances of the cooling tunnels) at the facility, as specified in Condition # 002(a)(1)–(3), Section D (under Source ID C07), of this permit, using EPA Method 204, as specified in 40 CFR Part 51, Appendix M, to determine whether they

**SECTION D. Source Level Requirements**

meet the criteria for a permanent total enclosure¹⁰ specified in Section 6, and the outlets of the bake ovens meet the criteria specified in Section 5.4.

(2) A VOC emission stack test at the inlet and outlet of the RTO, using EPA Method 25 or 25A, as specified in 40 CFR Part 60, Appendix A, as appropriate, to demonstrate compliance with the VOC destruction efficiency and/or outlet VOC emission concentration restrictions indicated in Condition # 002(a)–(b), Section D (under Source ID C07), of this permit, respectively, and establish an appropriate minimum outlet temperature of the combustion chamber of the RTO in Condition # 008, Section D (under Source ID C07), of this permit.

(b) At least 90 days prior to the tests indicated in (a)(1)–(2), above, the permittee shall submit, to the Department for approval, a test protocol that includes the following information. The test protocol shall be approved by the Source Testing Section of the Department prior to the tests:

(1) The procedures for the tests.

(2) The following for the tests indicated in (a)(1), above:

(i) Sketches with dimensions indicating the location of all openings in the spray booths and associated enclosures and bake ovens, as well as whether the respective openings will be considered NDOs or, otherwise, be closed during normal operations.

(ii) Photographs of all NDOs.

(3) For the test indicated in (a)(2), above, a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(c) At least 30 days prior to the tests, the permittee shall inform the Regional Air Quality Manager of the date(s) and time(s) of the tests.

(d) Within 60 days after the tests, the permittee shall submit, to the Regional Air Quality Manager for approval, an electronic copy of the complete test report, including all operating conditions.

(e) The permittee may request an extension of time for any deadlines indicated in (a)–(d), above, with which it is unable to comply. The request must be in writing and include a justification for the extension. The Department may grant the extension for reasonable cause.

¹⁰ As defined in Section 3 of EPA Method 204.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

(a) The hours of operation, on an operating day basis.

(b) The amount of natural gas consumed on a monthly and 12-month rolling basis.

(c) The temperature at the outlet of the combustion chamber (i.e., at a point immediately prior to the heat recovery canister in which heat is regenerated/gained from the air flow, or in a location otherwise recommended by the manufacturer of the RTO), on a continuous basis.

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

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

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

- (a) The hours of operation, on an operating day basis.
- (b) The amount of natural gas consumed on a monthly and 12-month rolling basis, calculated using a Department-approved method.
- (c) The temperature at the outlet of the combustion chamber, on a continuous basis.

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

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

The permittee shall maintain records of all maintenance performed for this RTO. These records shall include, at a minimum, the following:

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

V. REPORTING REQUIREMENTS.

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

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

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

The permittee shall ensure that, prior to and at all times when applying coatings in any of the spray booths (Source IDs 303, 401, and/or 701A) at the facility, and/or whenever steel drum shells and/or parts are proceeding through any of the associated spray booth/conveyor enclosures (Source IDs C12, C13, and/or C08, respectively) and/or bake ovens (Source IDs 302, 402, and/or 202, respectively), the temperature at the outlet of the combustion chamber of this RTO is maintained at equal to or greater than 1500 °F.

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

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

The permittee shall operate and maintain a device(s) that indicates the temperature at the outlet of the combustion chamber of this RTO on a continuous basis.

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

The permittee shall operate and maintain the following devices that record the temperature at the outlet of the combustion chamber of this RTO, as follows:

- (a) A circular chart recorder, as follows:
 - (1) On a continuous basis.

**SECTION D. Source Level Requirements**

(2) Over the entire temperature range of 0 °F–2000 °F.

(3) In such a manner that compliance with Condition # 007, Section D (under Source ID C07), of this permit, can be readily determined.

(b) A data logger, at least once every 15 seconds.

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

This source consists of a two-chamber, natural gas-fired RTO, model no. 375-98-92-2, manufactured by TKS Control Systems, Inc. The RTO is rated at 7.5 mMBtu/hr heat input and 37,500 scfm total air flow, and directly controls VOC emissions from Source IDs 202, 302, 303, 401, 402, and 701A.

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

(a) If the permittee is required to perform testing pursuant to Condition # 004, Section D (under Source ID C07), of this permit, the permittee shall perform a subsequent VOC emission stack test and capture efficiency test in accordance with the same condition on or before 5 years from the date of the previous testing.

(b) If the permittee is not required to perform testing pursuant to Condition # 004, Section D (under Source ID C07), of this permit, the permittee shall perform a subsequent VOC emission stack test in accordance with Condition # 003, Section D (under Source ID C07), of this permit, on or before 5 years from the date of the previous testing.

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



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
303	STEEL DRUM EXTERIOR PAINT SPRAY BOOTH		
Emission Limit		Pollutant	
0.230	kg/L	Kgs Organic HAPs/L Coating Solids; Also Applicable to Source ID 302	Hazardous Air Pollutants
1.900	Lbs/Gal	Lbs Organic HAPs/Gal Coating Solids; Also Applicable to Source ID 302	Hazardous Air Pollutants
801	EMERGENCY GENERATOR SET		
Emission Limit		Pollutant	
2.750	Tons/OZNESEAS	From the Plan Approval-Exempt Engine	NOX
6.600	Tons/Yr	12-Month Rolling Sum, Calculated Monthly; From the Plan Approval-Exempt Engine	NOX
100.000	Lbs/Hr	From the Plan Approval-Exempt Engine	NOX
1,000.000	Lbs/Day	From the Plan Approval-Exempt Engine	NOX
C07	REGENERATIVE THERMAL OXIDIZER (RTO)		
Emission Limit		Pollutant	
20.000	PPMV	Dry Basis, As Methane (or 7 ppmv, Dry Basis, As Propane); Only Applies if the VOC Destruction Efficiency is Less Than 98.0%	VOC

Site Emission Restriction Summary

Emission Limit	Pollutant	
10.000 Tons/Yr	Less Than; Any Individual HAP; 12-Month Rolling Sum, Calculated Monthly	Hazardous Air Pollutants
21.000 Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
21.000 Tons/Yr	Combined HAPs; 12-Month Rolling Sum, Calculated Monthly	Hazardous Air Pollutants
2.600 Lb/Gal	Lbs Organic HAPs/Gal Coating Solids; For All Affected Coating Operations Except Source IDs 302-303	Hazardous Air Pollutants
0.310 kg/L	Kgs Organic HAPs/L Coating Solids; For All Affected Coating Operations Except Source IDs 302-303	Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

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

- (1) Operating Permit No. 09-318-057.
- (2) Plan Approval No. 09-0053.
- (3) Plan Approval No. 09-0053B.
- (4) RFD No. 5038.
- (5) Plan Approval No. 09-0053C.
- (6) Plan Approval No. 09-0053D.

(b) The source descriptions indicated in Section D, of this permit, as follows, are used for descriptive purposes only and are not considered enforceable conditions by the Department:

- (1) Condition # 006, Section D (under Source IDs 202, 302, 402, 601A, and 901), of this permit.
- (2) Condition # 011, Section D (under Source ID 303), of this permit.
- (3) Condition # 010, Section D (under Source IDs 401, 701A, and C07), of this permit.
- (4) Condition # 005, Section D (under Source IDs 500 and 502), of this permit.
- (5) Condition # 009, Section D (under Source ID 501), of this permit.
- (6) Condition # 013, Section D (under Source ID 801), of this permit.

(c) The emission restriction values listed in Section G, of this permit, are provided only as a general summary of the emission restrictions specified in Sections C and D, of this permit, and are not, in and of themselves, considered enforceable by the Department.

(d) 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) Fourteen natural gas-fired infrared space heaters, series no. 9000, manufactured by Enerco Technical Products, Inc. Each space heater is rated 0.1 mmBtu/hr heat input (1.4 mmBtu/hr heat input total).
- (2) A natural gas-fired paint room heater. The heater is rated at 0.75 mmBtu/hr heat input.
- (3) Four natural gas-fired HVAC units. Each HVAC unit is rated 5 mBtu/hr heat input (20 mBtu/hr heat input total).
- (4) An oil/water separator.
- (5) Four air compressors with associated electric dryer.

(e) This permit (APS ID 345565, Auth ID 1431326) is an administrative amendment to Title V Operating Permit No. 09-00053, which was originally issued on September 28, 2015 (APS ID 345565, Auth ID 982422), and previously renewed/amended on January 18, 2022 (APS ID 345565, Auth IDs 1313646 and 1380715). The following is a listing of the changes reflected in this permit:

(1) The following for Condition # 002, Section D (under Source ID C07), of the previously-renewed/amended permit (same condition number in this permit):

(i) The following for Sub-condition (a):

- (A) A requirement for the RTO to achieve and maintain 100% capture of the exhaust gas flow from the spray booths and

**SECTION H. Miscellaneous.**

associated spray booth/conveyor enclosures and bake ovens at the facility has been added.

(B) The following for the outlet VOC emission concentration restriction for the RTO

(I) It has been moved to/reorganized as Sub-condition (b).

(II) The units of measure have been clarified to be on a "dry basis."

(ii) Sub-condition (b) has been removed.

(2) The following for Condition # 003, Section D (under Source ID C07), of the previously-renewed/amended permit (same condition number in this permit):

(i) The following for Sub-condition (a):

(A) A date to perform testing "[o]n or before July 8, 2027," has been added to the beginning of the Sub-condition.

(B) The language of Sub-condition (a)(2) (reorganized as Sub-condition (a)(1)) has been changed to apply to all the spray booths and associated spray booth/conveyor enclosures and bake ovens.

(ii) The note at the end of the condition has been removed.

(3) Condition # 004, Section D (under Source ID C07), of the previously-renewed/amended permit, has been removed.

(4) The following for the VOC emission restrictions for the RTO, as specified in Section G (under Source ID C07), of the previously-renewed/amended permit (same location in this permit):

(i) The VOC emission rate restriction for the RTO has been removed.

(ii) The units of measure for the VOC emission concentration restriction for the RTO have been clarified to be on a "dry basis."



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