



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

**STATE ONLY SYNTHETIC MINOR OPERATING PERMIT**

Issue Date: November 9, 2022

Effective Date: November 9, 2022

Expiration Date: November 8, 2027

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

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

**State Only Permit No: 41-00019**

Synthetic Minor

Federal Tax Id - Plant Code: 37-1418273-1

**Owner Information**

Name: ST ENGINEERING HACKNEY INC  
Mailing Address: 914 SAEGERS STATION RD  
MONTGOMERY, PA 17752-8501

**Plant Information**

Plant: VT HACKNEY INC/MONTGOMERY PLT  
Location: 41 Lycoming County 41912 Clinton Township  
SIC Code: 3713 Manufacturing - Truck And Bus Bodies

**Responsible Official**

Name: JASON ROOT  
Title: CORP EHS MGR  
Phone: (570) 547 - 7389 Email: jroot@vthackney.com

**Permit Contact Person**

Name: JASON ROOT  
Title: CORP EHS MGR  
Phone: (570) 547 - 7389 Email: jroot@vthackney.com

[Signature] \_\_\_\_\_

*MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION*



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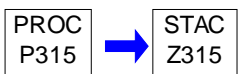
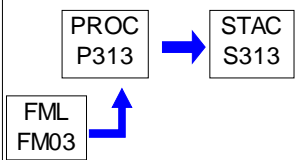
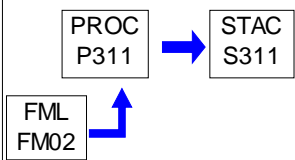
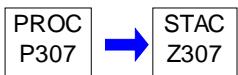
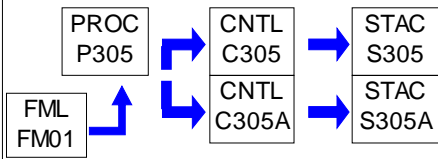
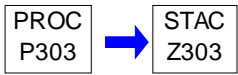
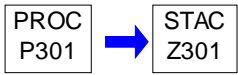
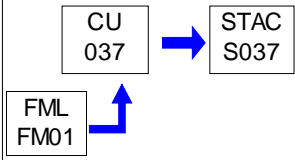
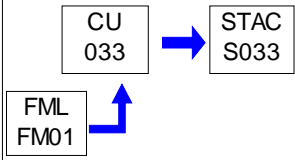
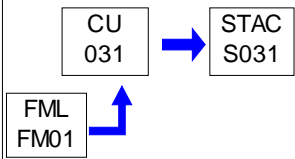
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	LARGE HEATERS (EACH > 2.5 MMBTU/HR)		
033	SMALL HEATERS (EACH < 2.5 MMBTU/HR)		
037	HOT WATER PRESSURE WASHER		
P301	TRUCK & TRAILER ASSEMBLY OPERATIONS		
P303	TRUCK & TRAILER SOLVENT CLEANING OPERATIONS		
P305	SURFACE COATING OPERATION		
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P315	FUEL STORAGE TANKS		
P316	THREE PARTS WASHERS		
P318	REFRIGERATED TRUCK & TRAILER FOAM INSULATION		
P319	PAINT GUN WASHERS		
P321	TUNNEL BOOTH #3		
C305	PAINT BOOTH DUAL STAGE FILTERS		
C305A	PAINT TUNNEL WATERWASHES		
C321	PANEL FILTERS		
FM01	NATURAL GAS LINE		
FM02	PROPANE		
FM03	DIESEL FUEL		
S031	HEATER STACKS>2.5MMBTU/HR		
S033	HEATER STACKS<2.5MMBTU/HR		
S037	PRESSURE WASHER STACKS		
S305	PAINT BOOTH EXHAUSTS		
S305A	PAINT TUNNEL EXHAUSTS		
S311	EMERGENCY GEN EXHAUST		
S313	EMERG FIRE PUMP EXHAUST		
S321	TUNNEL BOOTH #3 STACK		
Z301	T & V ASSEMBLY EMISSIONS		
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Z316	CLEANING SINK EMISSIONS		
Z318	TRUCK BODY FOAM EMISSIONS		
Z319	FUGITIVE VOCS		

**PERMIT MAPS**

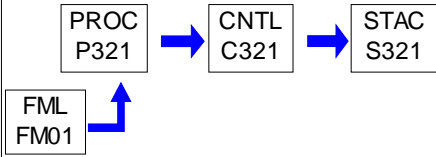
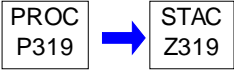
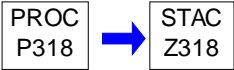


PERMIT MAPS





### PERMIT MAPS



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

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

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

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

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

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

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
  - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
  - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

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

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

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

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

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

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

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

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

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

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



**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

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

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

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

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

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

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

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

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The permittee shall not permit the emission of fugitive air contaminants into the outdoor atmosphere from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered emissions from blasting.
- (8) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (a) The emissions are of minor significance with respect to causing air pollution.
  - (b) 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 not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in (1) through (8) in condition #001 herein if the emissions are visible at the point the emissions pass outside the permittee's property.

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

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

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

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

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in (1) through (8) in condition #001 herein.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

- (a) The total combined volatile organic compound emissions from all sources located in this facility shall not exceed 149.05 tons in any 12 consecutive month period (as determined by the Department). The permittee shall maintain all material usage records necessary to demonstrate compliance with this limitation.
- (b) Any exceedance of the 149.05 ton per 12 consecutive month emission cap specified in subsection (a) of this permit condition will constitute not only a violation of this operating permit but also a retroactive violation of the Department's New Source Review regulations contained in 25 Pa. Code Sections 127.201 through 127.218.
- (c) Any future facility addition or modification which causes any increase in potential volatile organic compound emissions above the 149.05 ton per 12 consecutive month emission cap must meet all applicable requirements of the

**SECTION C. Site Level Requirements**

aforementioned New Source Review regulations.

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

[Additional authority for this condition is derived from the permittee taking this emission limitation]

(a) The total combined emissions of any single hazardous air pollutant from all sources at the facility shall not equal or exceed 10 tons during any 12 consecutive month period.

(b) The total combined emissions of all hazardous air pollutants from all sources at the facility shall not equal or exceed 25 tons during any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from the permittee taking this emission limitation]

{Compliance with this permit condition assures compliance with the existing emission limitation pursuant to Best Available Technology}

The total combined volatile organic compound emissions from all sources at the facility shall not equal or exceed 50 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.****# 008 [25 Pa. Code §139.1]****Sampling facilities.**

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

**# 009 [25 Pa. Code §139.11]****General requirements.**

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

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

- (a) A thorough source description, including a description of any air cleaning devices and the flue.
- (b) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (c) The location of sampling ports.
- (d) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures.
- (e) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (f) Laboratory procedures and results.
- (g) Calculated results.

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



**SECTION C. Site Level Requirements**

Visible emissions may be measured using either of the following:

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

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

- (1) The total combined amount of volatile organic compounds emitted each month from all sources located in this facility, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.
- (2) The total combined amount of each individual volatile hazardous air pollutant emitted each month from all sources located in this facility, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.
- (5) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 012 [25 Pa. Code §135.5]****Recordkeeping**

The permittee shall maintain such records including computerized records as may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21. These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) the permittee shall submit a semi-annual report to the Department which includes the following:

- (1) The total combined amount of volatile organic compounds emitted each month from all sources located in this facility, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.
- (2) The total combined amount of each individual volatile hazardous air pollutant emitted each month from all sources located in this facility, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.
- (b) The semi-annual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the concurrent year).

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

The permittee shall submit all requested reports in accordance with the Department's suggested format.

**# 015 [25 Pa. Code §127.442]****Reporting requirements.**

(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

**SECTION C. Site Level Requirements**

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 preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (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 three (3) business days of the telephone report.

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), 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 paragraphs (b)-(d), 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 resulted from 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.

**# 016 [25 Pa. Code §135.21]****Emission statements**

(a) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

(c) The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

**# 017 [25 Pa. Code §135.3]****Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an annual AIMS report for the preceding calendar year. The report shall include information for all previously



## SECTION C. Site Level Requirements

reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that an annual AIMS report is necessary shall submit an initial annual AIMS report within sixty (60) days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

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

### VI. WORK PRACTICE REQUIREMENTS.

#### # 018 [25 Pa. Code §123.1]

##### Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in (1) through (8) in condition #001 herein. These actions shall include, but not be limited to, the following:

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

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

(3) Paving and maintenance of roadways.

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

### VII. ADDITIONAL REQUIREMENTS.

#### # 019 [25 Pa. Code §121.7]

##### Prohibition of air pollution.

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001-4015).

#### # 020 [25 Pa. Code §123.31]

##### Limitations

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

#### # 021 [25 Pa. Code §129.14]

##### Open burning operations

The permittee shall not permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

### VIII. COMPLIANCE CERTIFICATION.

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

### IX. COMPLIANCE SCHEDULE.

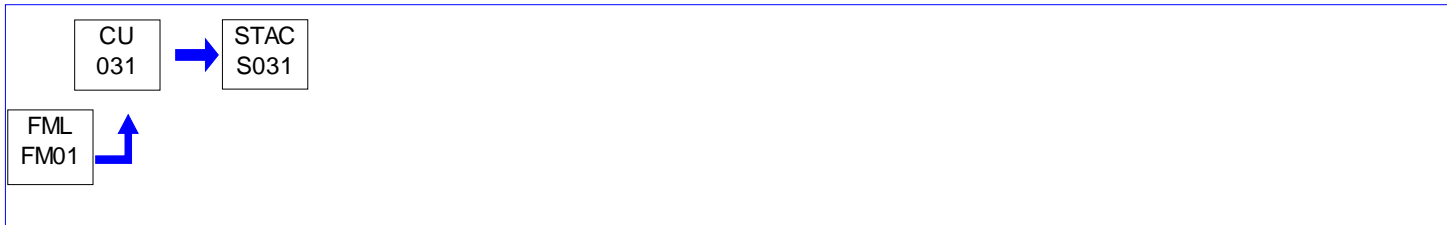
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: LARGE HEATERS (EACH &gt; 2.5 MMBTU/HR)

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from any make-up air heater incorporated in Source ID 031 in excess of 0.40 pounds per million Btu of heat input.

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

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from any make-up air heater incorporated in Source CU031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs 031, 033 and the natural gas fired burners associated with the two tunnel booth drying ovens incorporated in Source ID P305 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for these sources.

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

The make-up air heaters incorporated in Source ID 031 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

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

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 031 consists of the following:

- (a) One (1) 7.500 million Btu hour, natural gas-fired make-up air heater (plant).
- (b) One (1) 4.250 million Btu hour, natural gas-fired make-up air heaters (plant).
- (c) Four (4) 2.926 million Btu hour, natural gas-fired make-up air heaters (paint booths).

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: SMALL HEATERS (EACH &lt; 2.5 MMBTU/HR)

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from any space heater or make-up air heater incorporated in Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs 031, 033 and the natural gas fired burners associated with the two tunnel booth drying ovens incorporated in Source ID P305 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for these sources.

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

The space heaters incorporated in Source ID 033 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

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

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID 033 consists of six (6) 0.500 million Btu per hour, natural gas-fired space heaters (plant heater houses).

**SECTION D. Source Level Requirements**

Source ID: 037

Source Name: HOT WATER PRESSURE WASHER

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.22]

**Combustion units**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from any hot water pressure washer incorporated in Source ID 037 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID 037 shall only be fired on natural gas.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

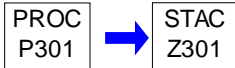
Source ID 037 consists of a 0.35 million Btu per hour, natural gas-fired Galaxt System 512 hot water pressure washer.

**SECTION D. Source Level Requirements**

Source ID: P301

Source Name: TRUCK &amp; TRAILER ASSEMBLY OPERATIONS

Source Capacity/Throughput:

**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 Sections 127.1, 127.12 and 129.91 through 129.95]

The volatile organic compound emissions resulting from the use of adhesives, sealants and other related materials in Source ID P301 shall not exceed 1.7 pounds per vehicle manufactured, on an average basis in any 12 consecutive month period, nor shall they exceed a total of 8.5 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each adhesive, sealant and related material used in Source ID P301 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each adhesive, sealant and related material used in Source ID P301 each month.

(3) The total number of trucks and trailers manufactured each month.

(4) The total combined amount of volatile organic compounds emitted each month from Source ID P301, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted each month from Source ID P301, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(6) The average amount of volatile organic compounds emitted from Source ID P301 per vehicle manufactured for each month, as well as a copy of the calculations performed to determine the respective average emission value and a copy of all

**SECTION D. Source Level Requirements**

supporting documentation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 003 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

- (1) The identity and quantity of each adhesive, sealant and related material used in Source ID P301 each month during the respective calendar quarter.
- (2) The volatile organic compound content and content of each volatile hazardous air pollutant of each adhesive, sealant and related material used in Source ID P301 each month during the respective calendar quarter.
- (3) The total number of trucks and trailers manufactured each month during the respective calendar quarter.
- (4) The total combined amount of volatile organic compounds emitted from Source ID P301 each month during the respective calendar quarter.
- (5) The total combined amount of each individual volatile hazardous air pollutant emitted from Source ID P301 each month during the respective calendar quarter.
- (6) The average amount of volatile organic compounds emitted from Source ID P301 per vehicle manufactured during the respective calendar quarter.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

**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 Sections 129.91 through 129.95]

The permittee shall minimize the emission of volatile organic compounds from Source ID P301 through the use of good material management practices. These practices shall include keeping all volatile organic compound-containing materials in closed containers except when in an active state of use and storing any solvent-wet rags, etc. in closed containers pending reuse or disposal.

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

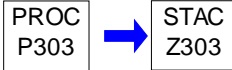
Source ID P301 is a Truck & Trailer Assembly Operation which incorporates the use of adhesives, sealants and other related materials. Source ID P301 does not include the cleaning activities which are incorporated in Source IDs P303 and P307.

**SECTION D. Source Level Requirements**

Source ID: P303

Source Name: TRUCK &amp; TRAILER SOLVENT CLEANING OPERATIONS

Source Capacity/Throughput:

**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 Sections 127.1, 127.12 and 129.91 through 129.95]

The volatile organic compound emissions from Source ID P303 shall not exceed 2.0 pounds per vehicle manufactured, on an average basis in any 12 consecutive month period, nor shall they exceed a total of 10.0 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each organic solvent used in Source ID P303 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each organic solvent used in Source ID P303 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a weekly basis and organized into a monthly format.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic solvent used in Source ID P303 each month.

(4) The total number of trucks and trailers manufactured each month.

(5) The total combined amount of volatile organic compounds emitted each month from Source ID P303, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(6) The total combined amount of each individual volatile hazardous air pollutant emitted each month from Source ID P303,

**SECTION D. Source Level Requirements**

as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(7) The average amount of volatile organic compounds emitted from Source ID P303 per vehicle manufactured for each month, as well as a copy of the calculations performed to determine the respective average emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 003 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

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

(1) The identity and quantity of each organic solvent used in Source P303 each month.

(2) The identity and quantity of each organic solvent used in Source P303 which is recovered and shipped offsite in liquid form for reclaim or disposal each month.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic solvent used in Source P303 each month.

(4) The total number of trucks and trailers manufactured each month.

(5) The total combined amount of volatile organic compounds emitted from Source P303 each month.

(6) The total combined amount of each individual volatile hazardous air pollutant emitted from Source P303 each month.

(7) The average amount of volatile organic compounds emitted from Source P303 per vehicle manufactured.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

**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 Sections 129.91 through 129.95]

The permittee shall minimize the emission of volatile organic compounds from Source ID P303 through the use of good material management practices. These practices shall include keeping all volatile organic compound-containing materials in closed containers except when in an active state of use and storing any solvent-wet rags, etc. in closed containers pending reuse or disposal.

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P303 is a Truck & Trailer Solvent Cleaning Operation which incorporates the use of organic solvents/materials. Source ID P303 does not include the surface coating equipment cleanup activities which are incorporated in Source ID



**SECTION D. Source Level Requirements**

P307.

**SECTION D. Source Level Requirements**

Source ID: P305

Source Name: SURFACE COATING OPERATION

Source Capacity/Throughput:

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

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from the exhaust of any spray booth, tunnel spray booth or tunnel booth drying oven incorporated in Source ID P305 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

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

The permittee shall not permit the emission of sulfur oxides into the outdoor atmosphere from the two tunnel booth drying ovens incorporated in Source ID P305 in such a manner that the concentration of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), in the effluent gas exceeds 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined volatile organic compound emissions from the Spray Booth Systems, Inc. spray booth shall not exceed 65 tons in any 12 consecutive month period. This includes any volatile organic compound emissions generated by surface coating equipment cleanup (Source P307) in, or associated with, this booth (but not any volatile organic compound emissions generated by surface coating cleanup in, or associated with, the small parts spray booth or the tunnel spray booth).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) All undercoating materials used in Source P305 shall contain no more than 2.8 pounds of volatile organic compounds per gallon of coating (minus water) and shall be applied using airless spray (or any other method having the same or higher transfer efficiency, as determined by the Department). The water-based undercoating products which were identified in Plan Approval Application #41-318-029B shall be used wherever and whenever possible.

(b) All primer and topcoat materials used in Source P305 shall be applied via electrostatic or high volume, low pressure, (HVLV) spray only. The electrostatic function of any electrostatic spray guns employed in this operation shall be operated at all times, except during those limited instances where the Faraday effect prevents successful electrostatic coating application.

(c) Subsections (a) and (b) of this condition notwithstanding, any coating application method may be used for legitimate touchup and repair work.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Sources CU031, CU033 and the natural gas fired

**SECTION D. Source Level Requirements**

burners associated with the tunnel booth drying oven incorporated in Source P305 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for these sources.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined volatile organic compound emissions from the Spray Booth Systems, Inc. spray booth (Booth #1) incorporated in Source P305 shall not exceed 7.13 tons in any 12 consecutive month period. This limitation does not include the volatile organic compound emissions generated by surface coating cleanup in or associated with the small parts spray booth or Booth #2 incorporated in Source P305.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined volatile hazardous air pollutant emissions from the Spray Booth Systems, Inc. spray booth (Booth #1) incorporated in Source P305 shall not exceed 0.78 tons in any 12 consecutive month period. This limitation does not include the volatile hazardous air pollutant emissions generated by surface coating cleanup in or associated with the small parts spray booth or Booth #2 incorporated in Source P305.

**# 008 [25 Pa. Code §129.52]****Surface coating processes**

(a) The permittee shall not cause or permit the emission of volatile organic compounds into the outdoor atmosphere from Source ID P305 unless the volatile organic compound content of each as applied coating is equal to or less than the following standards:

(1) For automobile and light duty truck coatings:

- (i) Prime coat - 2.60 pounds of volatile organic compounds per gallon of coating solids
- (ii) Top coat - 4.62 pounds of volatile organic compounds per gallon of coating solids
- (iii) Repair - 14.14 pounds of volatile organic compounds per gallon of coating solids

(2) For miscellaneous metal parts & products:

- (i) Top coats for locomotives and heavy-duty trucks - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (ii) Air-dried coatings - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (iii) Extreme performance coatings - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (iv) All other coatings - 5.06 pounds of volatile organic compounds per gallon of coating solids

(b) The volatile organic compound content of the as applied coating, expressed in units of weight of volatile organic compound per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

Where:

- VOC = VOC content in lb VOC/gal of coating solids
- Wo = Weight percent of VOC (Wv-Ww-Wex)
- Wv = Weight percent of total volatiles (100%-weight percent solids)
- Ww = Weight percent of water
- Wex = Weight percent of exempt solvent(s)
- Dc = Density of coating, lb/gal, at 25°C
- Vn = Volume percent of solids of the as applied coating



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

The burners associated with the two tunnel booth drying ovens incorporated in Source P305 shall only be fired on natural gas.

**Throughput Restriction(s).****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

No more than 425 gallons of acetone shall be utilized for Source P305 in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each surface coating used in the Spray Booth Systems spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each surface coating used in the Spray Booth Systems spray booth incorporated in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material reclaim/disposal records shall be maintained on a weekly basis and organized into a monthly format.

(3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used in the Spray Booth Systems spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(4) The identity and quantity of each surface coating and surface coating additive used for touchup/repair purposes in the Spray Booth Systems spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the Spray Booth Systems spray booth incorporated in Source P305 each month.

(6) The total combined amount of volatile organic compounds emitted each month from the Spray Booth Systems spray booth incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

**SECTION D. Source Level Requirements**

(7) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the Spray Booth Systems spray booth incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each surface coating used in the small parts spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each surface coating used in the small parts spray booth incorporated in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material reclaim/disposal records shall be maintained on a weekly basis and organized into a monthly format.

(3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used in the small parts spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(4) The identity and quantity of each surface coating and surface coating additive used for touchup/repair purposes in the small parts spray booth incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the small parts spray booth incorporated in Source P305 each month.

(6) The total combined amount of volatile organic compounds emitted each month from the small parts spray booth incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(7) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the small parts spray booth incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each surface coating used in the two (2) tunnel spray booths incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each surface coating used in the two (2) tunnel spray booths incorporated in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material reclaim/disposal records shall be maintained on a weekly basis and organized into a monthly format.

**SECTION D. Source Level Requirements**

(3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used in the two (2) tunnel spray booths incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(4) The identity and quantity of each surface coating and surface coating additive used for touchup/repair purposes in the two (2) tunnel spray booths incorporated in Source P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the two (2) tunnel spray booths incorporated in Source P305 each month.

(6) The total combined amount of volatile organic compounds emitted each month from the two (2) tunnel spray booths incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(7) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the two (2) tunnel spray booths incorporated in Source P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this permit condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 014 [25 Pa. Code §129.52]****Surface coating processes**

(a) The permittee shall maintain daily records of the following:

(1) The following parameters for each coating, thinner and other component used in Source ID P305 as supplied:

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

(ii) The volume used.

(iii) The mix ratio used.

(iv) The density or specific gravity.

(v) The weight percent of total volatiles, water, solids and exempt solvents.

(vi) The volume percent of solids for each of the surface coating process categories of 25 Pa. Code Section 129.52 applicable to Source ID P305.

(2) The volatile organic compound content of each coating, thinner and other component as supplied used in Source ID P305.

(3) The volatile organic compound content of each as applied coating used in Source ID P305.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

(1) The identity and quantity of each surface coating used each month in the Spray Booth Systems spray booth incorporated in Source P305.

(2) The identity and quantity of each surface coating used each month in the Spray Booth Systems spray booth incorporated

**SECTION D. Source Level Requirements**

in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal.

(3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used each month in the Spray Booth Systems spray booth incorporated in Source P305.

(4) The identity and quantity of each surface coating and surface coating additive used each month for touchup/repair purposes in the Spray Booth Systems spray booth incorporated in Source P305.

(5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the Spray Booth Systems spray booth incorporated in Source P305 each month.

(6) The total combined amount of volatile organic compounds emitted from the Spray Booth Systems spray booth incorporated in Source P305 each month.

(7) The total combined amount of each individual volatile hazardous air pollutant emitted from the Spray Booth Systems spray booth incorporated in Source P305 each month.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

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

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

(1) The identity and quantity of each surface coating used each month in the small parts spray booth incorporated in Source P305.

(2) The identity and quantity of each surface coating used each month in the small parts spray booth incorporated in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal.

(3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used each month in the small parts spray booth incorporated in Source P305.

(4) The identity and quantity of each surface coating and surface coating additive used each month for touchup/repair purposes in the small parts spray booth incorporated in Source P305.

(5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the small parts spray booth incorporated in Source P305 each month.

(6) The total combined amount of volatile organic compounds emitted from the small parts spray booth incorporated in Source P305 each month.

(7) The total combined amount of each individual volatile hazardous air pollutant emitted from the small parts spray booth incorporated in Source P305 each month during the respective calendar quarter.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

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

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

**SECTION D. Source Level Requirements**

- (1) The identity and quantity of each surface coating used each month in the two (2) tunnel spray booths incorporated in Source P305.
- (2) The identity and quantity of each surface coating used each month in the two (2) tunnel spray booths incorporated in Source P305 which is recovered and shipped offsite in liquid form for reclaim or disposal.
- (3) The identity and quantity of each surface coating additive (e.g. anti-crater, dry accelerator, etc.) used each month in the two (2) tunnel spray booths incorporated in Source P305.
- (4) The identity and quantity of each surface coating and surface coating additive used each month for touchup/repair purposes in the two (2) tunnel spray booths incorporated in Source P305.
- (5) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each surface coating and surface coating additive used in the two (2) tunnel spray booths incorporated in Source P305 each month.
- (6) The total combined amount of volatile organic compounds emitted from the two (2) tunnel spray booths incorporated in Source P305 each month.
- (7) The total combined amount of each individual volatile hazardous air pollutant emitted from the two (2) tunnel spray booths incorporated in Source P305 each month.
- (b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

**VI. WORK PRACTICE REQUIREMENTS.****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The Spray Booth Systems, Inc. spray booth and the small parts spray booth incorporated in Source P305 shall be equipped with high-efficiency spray booth exhaust filters at all times when surface coatings are being applied.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The coating materials used in Source P305 shall not contain any methylene chloride or 1,1,1 trichloroethane.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P305 is a Surface Coating Operation which consists of the following:

(a) One (1) Spray Booth Systems, Inc. model TEMMDD1616-40-PDTS spray booth (identified as Booth 6), the particulate matter emissions from which shall be controlled by dual stage synthetic pre-filters (model Tri-Met "I") and 4 ply wire ring panel final filters (model Tri-Met TMZ) (Control Device C305).

(b) One (1) spray booth model TEMMDD1214-24-PDTS (identified as Booth #2). The particulate matter emissions from which shall be controlled by a dual stage synthetic pre-filter (model Tri-Met "I") and a 4 ply wire ring panel final filter (model Tri-Met TMZ) (Control Device C305).

**SECTION D. Source Level Requirements**

(c) One (1) small parts spray booth (identified as Booth #7) the particulate matter emissions from which shall be controlled by a dual stage synthetic pre-filter (model Tri-Met "I") and a 4 ply wire ring panel final filter (model Tri-Met TMZ) (Control Device C305).

(d) One (1) "Tunnel" spray booth (identified as booth 8) incorporating a tunnel booth drying oven equipped with a 3.00 million Btu per hour natural gas fired burner, the particulate matter emissions from which shall be controlled by a waterwash system (Control Device C305A).

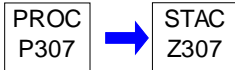
(e) One (1) "Tunnel" spray booth (identified as booth 9) incorporating a tunnel booth drying oven equipped with a 3.00 million Btu per hour natural gas fired burner, the particulate matter emissions from which shall be controlled by a waterwash system (Control Device C305A).

**SECTION D. Source Level Requirements**

Source ID: P307

Source Name: SURFACE COATING EQUIPMENT CLEANUP

Source Capacity/Throughput:

**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 Sections 127.1, 127.12 and 129.91 through 129.95]

The average volatile organic compound emissions resulting from Source ID P307 shall not exceed 1,600 pounds per month, over any 12 consecutive month period, nor shall the volatile organic compound emissions exceed a total of 10.0 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each organic cleanup solvent used in the spray booth systems incorporated in Source ID P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each organic cleanup solvent used in the spray booth systems incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a weekly basis and organized into a monthly format.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the spray booth systems incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted each month from the use of organic cleanup solvents in the spray booth systems incorporated in Source ID P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the use of organic cleanup solvents in the spray booth systems incorporated in Source ID P305, as well as a copy of the calculations

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performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to the is condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a weekly basis and organized into a monthly format.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted each month from the use of organic cleanup solvents in the small parts spray booth incorporated in Source ID P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the use of organic cleanup solvents in the small parts spray booth incorporated in Source ID P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and quantity of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a daily basis and organized into a monthly format.

(2) The identity and quantity of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month. These records shall be based on actual, empirical usage data; usage estimates are not acceptable. Additionally, all material usage records shall be maintained on a weekly basis and organized into a monthly format.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted each month from the use of organic cleanup solvents in the tunnel spray booths incorporated in Source ID P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.



**SECTION D. Source Level Requirements**

(5) The total combined amount of each individual volatile hazardous air pollutant emitted each month from the use of organic cleanup solvents in the two (2) tunnel spray booths incorporated in Source ID P305, as well as a copy of the calculations performed to determine the respective emission value and a copy of all supporting documentation.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

(1) The identity and quantity of each organic cleanup solvent used in the spray booth systems incorporated in Source ID P305 each month during the respective calendar quarter.

(2) The identity and quantity of each organic cleanup solvent used in spray booth systems incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the spray booth systems incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted from the use of organic cleanup solvents in the spray booth systems incorporated in Source ID P305 each month.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted from the use of organic cleanup solvents in the spray booth systems incorporated in Source ID P305 each month.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

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

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

(1) The identity and quantity of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 each month.

(2) The identity and quantity of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the small parts spray booth incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted from the use of organic cleanup solvents in the small parts spray booth incorporated in Source ID P305 each month.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted from the use of organic cleanup solvents in the small parts spray booth incorporated in Source ID P305 each month.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

**SECTION D. Source Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

(1) The identity and quantity of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 each month.

(2) The identity and quantity of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 which is recovered and shipped offsite in liquid form for reclaim or disposal each month.

(3) The volatile organic compound content and content of each individual volatile hazardous air pollutant of each organic cleanup solvent used in the two (2) tunnel spray booths incorporated in Source ID P305 each month.

(4) The total combined amount of volatile organic compounds emitted from the use of organic cleanup solvents in the two (2) tunnel spray booths incorporated in Source ID P305 each month.

(5) The total combined amount of each individual volatile hazardous air pollutant emitted from the use of organic cleanup solvents in the two (2) tunnel spray booths incorporated in Source ID P305 each month.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year). The reports shall include all supporting documentation used and/or calculations performed in the determination of the reported monthly emissions values.

**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 Sections 129.91 through 129.95]

The permittee shall minimize the emission of volatile organic compounds from Source ID P307 through the use of good material management practices. These practices shall include keeping all volatile organic compound-containing materials in closed containers except when in an active state of use and storing any solvent-wet rags, etc. in closed containers pending reuse or disposal. Additionally, all cleanup solvent flushed through paint lines and spray guns shall be flushed into closed containers. Under no circumstances shall cleanup solvent be sprayed into the air through spray guns, or used in other such fashion which would promote evaporative loss and prevent used solvent recovery.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

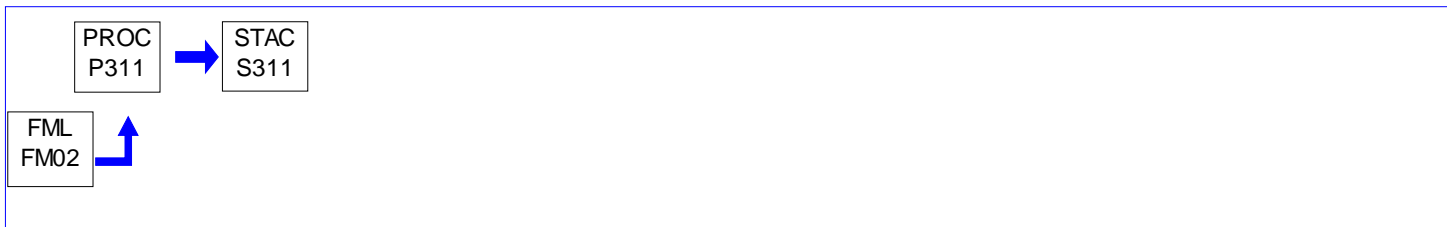
Source ID P307 is a Surface Coating Equipment Cleanup Operation which incorporates the use of organic cleanup solvents for the purpose of cleaning surface coating equipment used in Source ID P305.

**SECTION D. Source Level Requirements**

Source ID: P311

Source Name: EMERGENCY GENERATOR

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source ID P311 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID P311 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs P311 and P313 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source IDs P311 and P313.

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P311 shall only be fired on propane.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the number of hours Source ID P311 is operated

**SECTION D. Source Level Requirements**

each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall submit reports to the Department on a semi-annual basis of the number of hours Source ID P311 is operated each month.

(b) The semi-annual reports shall be submitted to the Department no later than March 1 (January 1 through Decemebr 31 of the previous calendar year) and September 1 (July of the previous year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P311 consists of a 60 kilowatt Kohler emergency generator incorporating a 126 horsepower, propane-fired Ford internal combustion engine and three 200 gallon propane storage tanks.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

Source ID P311 is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Sections 63.6580 through 63.6675. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

The permittee shall change oil and filter every 500 hours of operation or annually, whichever comes first, inspect spark plugs every 1,000 hours of operation and inspect all hoses and belts every 500 hours of operation or annually, whichever comes first of Source ID P311.

**SECTION D. Source Level Requirements**

Source ID: P313

Source Name: EMERGENCY FIRE PUMP

Source Capacity/Throughput:

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

# 001 [25 Pa. Code §123.13]

**Processes**

The permittee shall not permit the emission of particulate matter into the outdoor atmosphere from Source ID P313 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO<sub>2</sub>), into the outdoor atmosphere from Source ID P313 in such a manner that the concentration of the sulfur oxides in the effluent gas exceeds 500 parts per million, by volume, dry basis.

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source IDs P311 and P313 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source IDs P311 and P313.

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P313 shall only be fired on diesel fuel.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.95]

(a) The permittee shall maintain accurate and comprehensive records of the number of hours Source ID P313 is operated

**SECTION D. Source Level Requirements**

each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall submit reports to the Department on a semi-annual basis of the number of hours Source ID P313 is operated each month.

(b) The semi-annual report shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year).

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P313 consists of a Morse fire pump incorporating a 225 horsepower, diesel fuel-fired Detroit Diesel internal combustion engine.

**# 008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

Source ID P313 is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ Sections 63.6580 through 63.6675. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ.

**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**

**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

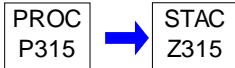
The permittee shall change oil and filter every 1,000 hours of operation or annually, whichever comes first, inspect air cleaner every 1,000 hours of operation and inspect all hoses and belts every 500 hours of operation or annually, whichever comes first and replace as necessary of Source ID P313.

**SECTION D. Source Level Requirements**

Source ID: P315

Source Name: FUEL STORAGE TANKS

Source Capacity/Throughput:

**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 Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source ID P315 shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source ID P315.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Source ID P315 consists of:

(a) One (1) 240 gallon, above ground, diesel fuel storage tank.

(b) One (1) 110 gallon, above ground, diesel fuel storage tank.



**SECTION D. Source Level Requirements**

(c) One (1) 240 gallon, above ground, unleaded gasoline storage tank.

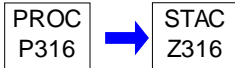


**SECTION D. Source Level Requirements**

Source ID: P316

Source Name: THREE PARTS WASHERS

Source Capacity/Throughput:

**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 Sections 129.91 through 129.95]

The total combined potential to emit volatile organic compounds from Source ID P316 shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period. Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for Source ID P316.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

- (1) The amount of solvent placed into the cold batch cleaning machines incorporated in Source ID P316 each month.
- (2) The amount of solvent removed from the cold batch cleaning machines incorporated in Source ID P316 each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**# 003 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee shall maintain accurate and comprehensive records of the following:

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

(b) All such records generated pursuant to this condition shall be retained at a minimum of five (5) years and shall be made available to the Department upon request. An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

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

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

- (1) The amount of solvent placed into the cold batch cleaning machines incorporated in Source ID P316 each month.
- (2) The amount of solvent removed from the cold batch cleaning machines incorporated in Source ID P316 each month.

(b) The semi-annual report shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year).

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

Neither halogenated solvents nor solvents containing hazardous air pollutants as an intentionally-added ingredient shall be used in the cold batch cleaning machines incorporated in Source ID P316.

**# 006 [25 Pa. Code §129.63]****Degreasing operations**

The cold batch cleaning machines incorporated in Source ID P316 shall be equipped with a cover(s) that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. A perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

**# 007 [25 Pa. Code §129.63]****Degreasing operations**

(a) The cold batch cleaning machines incorporated in Source ID P316 shall have a permanent, conspicuous label summarizing the operating requirements specified in condition #008. In addition, the label shall also list the following discretionary good operating practices:

- (1) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.
- (2) 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.
- (3) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

**# 008 [25 Pa. Code §129.63]****Degreasing operations**

Solvents with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater, measured at 20°C (68°F), shall not be used in the cold batch cleaning machines incorporated in Source ID P316.

**# 009 [25 Pa. Code §129.63]****Degreasing operations**

(a) The cold batch cleaning machines incorporated in Source ID P316 shall be operated in accordance with the following procedures:

- (1) 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.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning

**SECTION D. Source Level Requirements**

machine.

(4) Air agitated solvent baths may not be used.

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

**VII. ADDITIONAL REQUIREMENTS.**

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

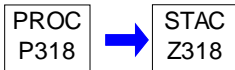
Source ID P316 consists of three parts washers (each with a surface area less than 10 square feet) used for maintenance and housecleaning operations. The parts washers are also known as solvent cleaning sinks and cold batch cleaning machines.

**SECTION D. Source Level Requirements**

Source ID: P318

Source Name: REFRIGERATED TRUCK &amp; TRAILER FOAM INSULATION

Source Capacity/Throughput:

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

The total combined emission of all hazardous air pollutants from all activities associated with Source ID P318, including all cleaning activities and/or surface preparation activities, shall not equal or exceed 2.0 tons in any 12 consecutive month period.

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

The total combined emission of volatile organic compounds from all activities associated with Source ID P318, including all cleaning activities and/or surface preparation activities, shall not equal or exceed 2.0 tons in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) The identity and amount of each volatile organic compound-containing, hazardous air pollutant-containing and HCFC-containing material (insulating foam components, adhesives, sealants, cleaning solutions or solvents) used in Source ID P318 each month.

(2) The volatile organic compound content, content of each individual volatile hazardous air pollutant and HCFC content of each material (insulating foam components, adhesives, sealants, cleaning solutions or solvents) used in Source ID P318 each month.

(3) The total combined amount of volatile organic compounds emitted from Source ID P318 each month.

(4) The amount of each individual volatile hazardous air pollutant emitted from Source ID P318 each month.

(5) The total combined amount of HCFCs emitted from Source ID P318 each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

(1) The identity and amount of each volatile organic compound-containing, hazardous air pollutant-containing and HCFC-containing material (insulating foam components, adhesives, sealants, cleaning solutions or solvents) used in Source ID P318 each month.

(2) The volatile organic compound content, content of each individual volatile hazardous air pollutant and HCFC content of each material (insulating foam components, adhesives, sealants, cleaning solutions or solvents) used in Source ID P318 each month.

(3) The total combined amount of volatile organic compounds emitted from Source ID P318 each month.

(4) The amount of each individual volatile hazardous air pollutant emitted from Source ID P318 each month.

(5) The total combined amount of HCFCs emitted from Source ID P318 each month.

(b) The semi-annual report shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year).

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

The permittee shall minimize the emission of volatile organic compounds, hazardous air pollutants and HCFCs from Source ID P318 through the use of good material management practices. These practices shall include keeping all volatile organic compound-containing, hazardous air pollutant-containing and HCFC-containing materials in closed containers except when in an active state of use and storing any solvent-wet rags, etc. in closed containers pending reuse or disposal. Under no circumstances shall volatile organic compound-containing, hazardous air pollutant-containing or HCFC-containing materials be disposed of through evaporation.

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

The permittee shall only use Baytherm 9205 Component A and Baytherm 3501 Resin in the insulating operations incorporated in Source ID P318, unless prior authorization has been obtained from the Department to use an alternate material considered by the Department to have an equivalent, or lower, air contaminant potential.

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

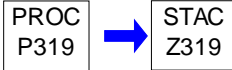
Source ID P318 consists of a refrigerated truck and trailer foam insulation application operation.

**SECTION D. Source Level Requirements**

Source ID: P319

Source Name: PAINT GUN WASHERS

Source Capacity/Throughput:

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

The total combined emission of volatile organic compounds from the three (3) paint gun washers incorporated in Source ID P319 shall not exceed 2.7 tons in any 12 consecutive month period.

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

The permittee shall, upon Department request, perform analyses upon a sample, or samples, of used solvent to determine the volatile organic compound content.

**III. MONITORING REQUIREMENTS.**

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

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

- (1) The amount of solvent placed into the paint gun washers incorporated in Source ID P319 each month.
- (2) The amount of solvent removed from the paint gun washers incorporated in Source ID P319 each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

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

- (1) The amount of solvent placed into the paint gun washers incorporated in Source ID P319 each month.
- (2) The amount of solvent removed from the paint gun washers incorporated in Source ID P319 each month.

(b) The semi-annual report shall be submitted to the Department no later than March 1 (January 1 through December 31 of the previous calendar year) and September 1 (July 1 of the previous year through June 30 of the concurrent year).

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

The permittee shall only use "Safety Kleen Multi-Use Lacquer Thinner," as described in the "request for determination" approved on April 19, 2001, or an equivalent solvent, as determined by the Department, in the three (3) paint gun washers incorporated in Source ID P319.

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

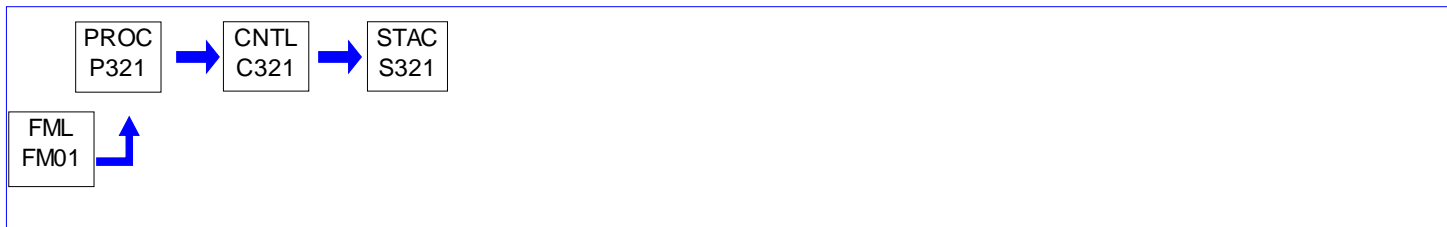
Source ID P319 consists of three (3) Safety Kleen paint gun washers.

**SECTION D. Source Level Requirements**

Source ID: P321

Source Name: TUNNEL BOOTH #3

Source Capacity/Throughput:

**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 Sections 127.1 and 127.12]

The permittee shall not permit the following air contaminant emissions from the exhaust of Control Device C321 associated with Source P321 in excess of the limitations listed below:

- (a) nitrogen oxides (NO<sub>x</sub>, expressed as NO<sub>2</sub>) – 2.45 tons in any 12 consecutive month period,
- (b) carbon monoxide (CO) – 3.29 tons in any 12 consecutive month period,
- (c) sulfur oxides (SO<sub>x</sub>, expressed as SO<sub>2</sub>) – 0.02 tons in any 12 consecutive month period,
- (d) particulate matter (PM/PM<sub>10</sub>/PM<sub>2.5</sub>) – 0.0001 grains per dry standard cubic foot of exhaust gas and 0.17 tons in any 12 consecutive month period,
- (e) total combined volatile organic compounds (VOC) – 6.92 tons in any 12 consecutive month period,
- (f) total combined volatile hazardous air pollutants (VHAPs) – 0.83 tons in any 12 consecutive month period,

**# 002 [25 Pa. Code §129.52]****Surface coating processes**

(a) The permittee shall not cause or permit the emission of volatile organic compounds into the outdoor atmosphere from Source P321 unless the volatile organic compound content of each as applied coating is equal to or less than the following standards:

For miscellaneous metal parts & products:

- (i) Top coats for locomotives and heavy-duty trucks - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (ii) Air-dried coatings - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (iii) Extreme performance coatings - 6.67 pounds of volatile organic compounds per gallon of coating solids
- (iv) All other coatings - 5.06 pounds of volatile organic compounds per gallon of coating solids

(b) The volatile organic compound content of the as applied coating, expressed in units of weight of volatile organic compound per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100%-weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)



**SECTION D. Source Level Requirements**

Dc = Density of coating, lb/gal, at 25°C  
 Vn = Volume percent of solids of the as applied coating

**Fuel Restriction(s).**

**# 003 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall only use natural gas as fuel for the air make-up units incorporated in Source P321.

**Throughput Restriction(s).**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

No more than 300 gallons of acetone shall be utilized in Source P321 in any 12 consecutive month period.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall equip Control Device C321 with instrumentation to monitor the differential pressure across the filter panels on a continuous basis. The permittee shall record the differential pressure at least once per shift.

**IV. RECORDKEEPING REQUIREMENTS.**

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) The permittee shall maintain accurate, comprehensive daily records of all volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing materials used in, or associated with the use of Source P321. The respective records shall include the following:

- (1) The identity, type and amount (in gallons) of each volatile organic compound-containing material, volatile hazardous air pollutant-containing material and acetone-containing material used each day.
- (2) the density of each material as-applied in pounds per gallon
- (3) The solids content of each material used each day as-received from the vendor or supplier, expressed as volume %.
- (4) The volatile organic compound content, content of each individual volatile hazardous air pollutant and acetone content of each material used each day, as-received from the vendor or supplier, expressed as pounds per gallon.
- (5) The mix ratio for each batch of coating used during each day to which an additive (thinner, and the like) has been added or which has been mixed from multiple components.

**SECTION D. Source Level Requirements**

(6) The weight percent of total volatiles, water, solids, and exempt solvent as-applied

(7) The amount of volatile organic compounds, the amount of each individual hazardous air pollutant and the amount of acetone emitted during each day from the use of each individual material.

(8) The differential pressure across Control Device C321 at least once per shift.

(b) All records generated pursuant to this condition shall be retained for a minimum of 5 years and shall be provided to the Department upon request.

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Overspray from the surface coating operation in Source P321 shall be kept to a minimum.

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source P321 shall be equipped with a full set of filter panels during any surface coating operation.

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall keep on hand spare filter panels for the immediate replacement of any filter panel in Control Device C321 due to deterioration from routine operation.

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All containers of volatile organic compound-containing, volatile hazardous air pollutant-containing and acetone-containing materials shall be kept closed except when material is being added or removed from the containers.

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The doors of the spray booth in Source P321 shall remain closed any time that spraying operations are occurring in the spray booth.

**VII. ADDITIONAL REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) Source P321 is a Col-Met Spray Booth model TSD-20-13-90-PSB (Booth #3) with an 11 million Btu per hour natural gas-fired burners for the drying section.

**SECTION D. Source Level Requirements**

(b) Control Device C321 are 42 - 20" x 20" x 1" panel filters

**# 013 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall only use high-volume, low-pressure (HVL P) spray guns to apply any coating in Source P321.

**# 014 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The surface coating operations of Source P321 are subject to the requirements of 25 Pa. Code Section 129.52. The permittee shall comply with all applicable requirements of 25 Pa. Code Sections 129.52.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



## SECTION H. Miscellaneous.

The welding operation at this facility is considered to be of minor significance to the Department and has been determined to be exempt from permit requirements. However, this determination does not exempt the source from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

Revision #1 was issued on January 29, 2004, for an administrative amendment to incorporate a change of ownership from Grumman Olson Industries, Inc. to Specialized Vehicles Corporation. The revision became effective on January 29, 2004.

Revision #2 was issued on June 29, 2009, for a minor modification to incorporate the terms and conditions of a Request for Determination (RFD) that was approved on February 19, 2009 for the increase of the volatile hazardous air pollutant (VHAP) emission limitation in Source ID P318 to 2.0 tons in any 12 consecutive month period. The revision became effective on June 29, 2009. All new and revised requirements including monitoring, recordkeeping, and reporting conditions of the revised Title V operating became effective on June 25, 2009.

This operating permit was renewed on October 15, 2012.

Revision #3 of this operating permit was issued on October 13, 2015, to incorporated the terms and conditions of Plan Approval 41-00019A



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

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