



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

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: April 27, 2022

Effective Date: April 27, 2022

Expiration Date: April 26, 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: 41-00063

Natural Minor

Federal Tax Id - Plant Code: 23-1723629-1

Owner Information

Name: RALPH S ALBERTS CO INC

Mailing Address: 60 CHOATE CIR
MONTOURSVILLE, PA 17754-9791

Plant Information

Plant: RALPH S ALBERTS CO INC/MONTOURSVILLE PLT

Location: 41 Lycoming County 41917 Fairfield Township

SIC Code: 3086 Manufacturing - Plastics, Foam Products

Responsible Official

Name: SETH E ALBERTS

Title: PRES

Phone: (570) 368 - 6653

Email: SethA@rsalberts.com

Permit Contact Person

Name: JAMES M ROOT

Title: QC & IT COORDINATOR

Phone: (570) 368 - 6653 Ext.260

Email: jimr@rsalberts.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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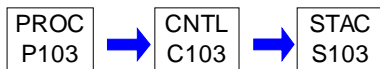
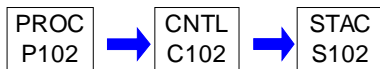
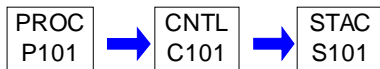
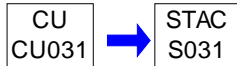
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
CU031	NATURAL GAS-FIRED SPACE HEATERS		
P101	BINKS PFA87T SPRAY BOOTH 1		
P102	BINKS 302454C SPRAY BOOTH 2		
P103	BINKS PFA87TB SPRAY BOOTH 3		
P104	BINKS PFA128T SPRAY BOOTH 4		
P105	SBS IECD12712 SPRAY BOOTH 5		
P107	BINKS 304204 SPRAY BOOTH 6		
P108	POLYURETHANE FOAM PRODUCTION		
P201	SOLVENT CLEANING SINK		
P202	FLUIDIZED BED CLEANING SYSTEM		
C101	SPRAY BOOTH FILTERS		
C102	SPRAY BOOTH FILTERS		
C103	SPRAY BOOTH FILTERS		
C104	SPRAY BOOTH FILTERS		
C105	SPRAY BOOTH FILTERS		
C107	SPRAY BOOTH FILTERS		
C202A	SECONDARY COMBUSTION CHAMBER		
C202B	DUAL CYCLONE COLLECTOR		
S031	VENT FROM SPACE HEATERS		
S101	SPRAY BOOTH 1 STACK		
S102	SPRAY BOOTH 2 STACK		
S103	SPRAY BOOTH 3 STACK		
S104	SPRAY BOOTH 4 STACK		
S105	SPRAY BOOTH 5 STACK		
S107	SPRAY BOOTH 6 STACK		
S202	CLEANING SYSTEM STACK		
Z001	SOLVENT CLEANING SINK FUGITIVE EMISSIONS		
Z108	FOAM PRODUCTION FUGITIVE EMISSIONS		

PERMIT MAPS

**PERMIT MAPS**

PROC
P104 → CNTL
C104 → STAC
S104

PROC
P105 → CNTL
C105 → STAC
S105

PROC
P107 → CNTL
C107 → STAC
S107

PROC
P108 → STAC
Z108

PROC
P201 → STAC
Z001

PROC
P202 → CNTL
C202A → CNTL
C202B → STAC
S202

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

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

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

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

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

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

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

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

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants 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) 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:
 - (i) The emissions are of minor significance with respect to causing air pollution.
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 (1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

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

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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 25 Pa. Code Section 123.1(a)(1)-(9).

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

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

(a) The total combined volatile organic compounds (VOCs) emissions from Source IDs P101-P105, including any emissions from associated cleanup operations (Source ID P201), shall not equal or exceed 19 tons in any 12 consecutive month period.

(b) The total combined hazardous air pollutants (HAPs) emissions from Source IDs P101-P105, including any emissions from associated cleanup operations (Source ID P201), shall not equal or exceed 11 tons in any 12 consecutive month period.

(c) The total single hazardous air pollutant (HAP) emissions from Source IDs P101-P105, including any emissions from associated cleanup operations (Source ID P201), shall not equal or exceed 10 tons in any 12 consecutive month period.

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

The permittee shall conduct tests which determine through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 the VOC content of all coatings, solvents and adhesives used at the facility,

OR

The permittee shall maintain documentation (certified product data sheets/material safety data sheets) from the supplier/manufacture which determines through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 the VOC content of all coatings, solvents and adhesives used at the facility.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. Electronic copies shall be sent to the Northcentral Regional Office Air Quality Program Manager and the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

**SECTION C. Site Level Requirements**

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code § 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

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 such 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.**

(a) 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.

(b) 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:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) 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.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) 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.
- (6) Laboratory procedures and results.
- (7) Calculated results.

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

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.

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions,
- (2) The presence of visible fugitive emissions,
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.77.]

In accordance with 25 Pa. Code Section 129.77(o), the permittee shall maintain records demonstrating compliance with Section 129.77, including the following information:

- (a) A list of each adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent and cleanup solvent product in use and in storage.
- (b) A data sheet or material list which provides the product name, manufacturer identification and use or material application for each product included on the list required under paragraph (a).
- (c) The VOC content of each product on the list required under paragraph (a), as supplied.
- (d) Catalysts, reducers or other components used and the mix ratio.
- (e) The VOC content or vapor pressure of each product on the list required by paragraph (a), as applied, if solvent or other VOC is added to the product before application.
- (f) The volume purchased or produced of each product on the list required under paragraph (a).
- (g) The monthly volume used or applied as part of a manufacturing process at the facility of each product on the list required under paragraph (a).

In accordance with 25 Pa. Code Section 129.77(q), these records shall be maintained onsite for 5 years and made available to the Department upon receipt of a written request.

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

(a) The permittee shall keep records of the following:

- (1) the identity, volatile organic compound content (VOC) and hazardous air pollutant (HAP) content of each type of coating, additive and cleanup material used in Source IDs P101-P105 and P201.
- (2) the volume of each coating and cleanup solvent used and the weight of each additive used in Source IDs P101-P105 and P201 on a monthly basis.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

(a) The permittee shall keep records of the supporting calculations for total combined VOC, total combined HAPs and individual HAP emissions on a monthly basis and shall verify compliance with the total combined VOCs, total combined HAPs and individual HAP emissions limitations in any 12 consecutive month period from Source IDs P101-P105 and

**SECTION C. Site Level Requirements**

P201.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall keep records of the tests conducted through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 which determines the VOC content for each coatings, solvents and adhesives used at this facility.

OR

(a) The permittee shall keep documentation (e.g. certified product data sheets/material safety data sheets) from the supplier/manufacturer which determines through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 the VOC content of each coatings, solvents and adhesives used at this facility.

(b) The above records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain a logbook of the facility's weekly inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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 that include the supporting calculations used to verify compliance with the total combined VOC, total combined HAPs and total individual HAP emissions limitations in any 12 consecutive month period for Source IDs P101-P105 and P201 at the facility.

(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 current year).

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit reports to the Department on a quarterly basis that include the following:

(1) the identity, volatile organic compound content (VOC) and hazardous air pollutant (HAP) content of each type of coating, additive and cleanup material used in Source IDs P101-P105 and P201.

(2) the volume of each coating and cleanup solvent used and the weight of each additive used in Source IDs P101-P105 and P201 on a monthly basis.

(b) The quarterly reports shall be submitted to the Department by no later than March 1 (for January 1 through December 31 of the previous year), June 1 (for April 1 of the previous year through March 31 of the current year), September 1 (for July 1 of the previous year through June 30 of the current year), and December 1 (for October 1 of the previous year through

**SECTION C. Site Level Requirements**

September 30 of the current year).

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

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

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

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of 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.

021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.13]**Subpart A--General Provisions****Addresses of State air pollution control agencies and EPA Regional Offices.**

The submission of all requests, reports, applications, submittals and other communications required by the National Emissions Standards for Hazardous Air Pollutants (40 CFR Part 63) shall be submitted to both the U. S. Environmental Protection Agency and the Department. The Environmental Protection Agency copies may be sent to:

R3_Air_Apps_and_Notices@epa.gov

and

**SECTION C. Site Level Requirements**

The Pennsylvania Department of Environmental Protection
 Air Quality Program Manager
 208 W. Third Street, Suite 101
 Williamsport, PA 17701-6448

VI. WORK PRACTICE REQUIREMENTS.**# 022 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne.

These actions shall include, but not be limited to, the following:

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

023 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.77.]

In accordance with 25 Pa. Code Section 129.77(h), the permittee shall store or dispose of all absorbent materials, including cloth or paper, which are moistened with adhesives, sealants, primers, surface preparation solvents or cleanup solvents subject to Section 129.77, in nonabsorbent containers at the facility that are kept closed except when placing materials in or removing materials from the container.

024 [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 spray guns and lines shall be cleaned by manual cleaning (brushing, wiping, etc.), by soaking in closed containers of solvent, by use of the solvent cleaning sink (Source ID P201) or by flushing solvent through the guns and lines into closed containers at minimal pressure. All spent cleaning rags shall be kept in closed containers until disposed of. All containers of VOC-containing materials shall be kept closed when not in actual use. No cleaning methods shall be employed which would unnecessarily promote the evaporative loss of solvent to atmosphere.

VII. ADDITIONAL REQUIREMENTS.**# 025 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. §§ 4001-4015)).

026 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**SECTION C. Site Level Requirements****# 027 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.77.]

The use of any adhesive, sealant, adhesive primer, sealant primer or related surface preparation solvent or cleanup solvent at this facility is subject to the provisions of 25 Pa. Code Section 129.77. The permittee shall comply with all applicable requirements of Section 129.77.

028 [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 additives containing any VOCs or HAPs may be used in paints/coatings associated with Source IDs P101-P105 without prior approval of the Department. Otherwise, all coatings shall be applied as received by the vendor, or containing only additives with 0% VOC and HAP content.

029 [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]

None of the coatings used in Source IDs P101-P105 shall contain methylene chloride, perchloroethylene or 1,1,1-trichloroethane.

030 [25 Pa. Code §129.14]**Open burning operations**

No person may 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.

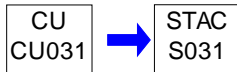
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: CU031

Source Name: NATURAL GAS-FIRED SPACE HEATERS

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.21]

General

The permittee shall not emit into the outdoor atmosphere sulfur oxides from Source ID CU031 in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Natural gas shall be the only fuel type utilized in Source CU031.

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.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source CU031 is composed of the following natural gas-fired heaters:

**SECTION D. Source Level Requirements**

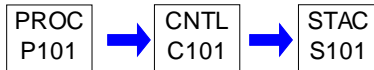
- one (1) Titan Air model TA-225NGVRHDA rated at 1.0 MMBtu/hr
- three (3) Reznor model SCA 100-6 rated at 0.1 MMBtu/hr
- one (1) Modine model PV100AE0130 rated at 0.1 MMBtu/hr
- five (5) Central Environmental Systems model P-HDD20N11501B rated at 0.125 MMBtu/hr
- one (1) Carrier model 48TME012-M-601 rated at 0.18 MMBtu/hr
- one (1) Carrier model 48JF006-601 rated at 0.12 MMBtu/hr
- one (1) Carrier model 48TGE012-611 rated at 0.18 MMBtu/hr
- one (1) Carrier model 58MXA060-16 rated at 0.06 MMBtu/hr
- seven (7) Mammoth model GR4GA-060D120C rated at 0.12 MMBtu/hr
- twelve (12) INFRA-RED model B12X12CNGF rated at 0.036 MMBtu/hr
- one (1) American Catalytic Tech model B12X12NGF rated at 0.036 MMBtu/hr, located in Spray Booth #6 (P107)

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: BINKS PFA87T SPRAY BOOTH 1

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C101 associated with Source ID P101 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [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 volatile organic compound (VOC) content of any coating used in Source ID P101 shall not exceed 6.6 pounds per gallon of coating (minus water) as applied.

(b) The hazardous air pollutant (HAP) content of any coating used in Source ID P101 shall not exceed 4.4 pounds per gallon of coating (minus water) as applied.

II. TESTING REQUIREMENTS.

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

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

The permittee shall keep gauges on site to measure the air pressure, at the cap, of each spray gun used in Source ID P101. The air pressure, at the cap, shall be measured on a weekly basis.

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

(a) The permittee shall keep records of the weekly air pressure readings, at the cap, of each spray gun of Source ID P101.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

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

Source ID P101 shall be equipped with a full set of spray booth filters upon any occasion that Source ID P101 is in use.

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

(a) Source ID P101 is a Binks manufactured model PFA87T spray booth #1.

(b) The air contaminant emissions from Source ID P101 shall be controlled by spray booth filters (ID C101).

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]

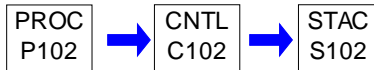
The only types of spray guns to be used in Source ID P101 shall be high volume low pressure (HVLP) type spray guns. The spray guns shall operate between 0.1 and 10.0 psig air pressure at the cap.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: BINKS 302454C SPRAY BOOTH 2

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C102 associated with Source ID P102 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [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 volatile organic compound (VOC) content of any coating used in Source ID P102 shall not exceed 6.6 pounds per gallon of coating (minus water) as applied.

(b) The hazardous air pollutant (HAP) content of any coating used in Source ID P102 shall not exceed 4.4 pounds per gallon of coating (minus water) as applied.

II. TESTING REQUIREMENTS.

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

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

The permittee shall keep gauges on site to measure the air pressure, at the cap, of each spray gun used in Source ID P102. The air pressure, at the cap, shall be measured on a weekly basis.

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

(a) The permittee shall keep records of the weekly air pressure readings, at the cap, of each spray gun of Source ID P102.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

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

Source ID P102 shall be equipped with a full set of spray booth filters upon any occasion that Source ID P102 is in use.

VII. ADDITIONAL REQUIREMENTS.**# 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 only types of spray guns to be used in Source ID P102 shall be high volume low pressure (HVLP) type spray guns. The spray guns shall operate between 0.1 and 10.0 psig air pressure at the cap.

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

(a) Source ID P102 is a Binks manufactured model 302454C spray booth #2.

(b) The air contaminant emissions from Source ID P102 shall be controlled by spray booth filters (ID C102)

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: BINKS PFA87TB SPRAY BOOTH 3

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C103 associated with Source ID P103 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [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 volatile organic compound (VOC) content of any coating used in Source ID P103 shall not exceed 6.6 pounds per gallon of coating (minus water) as applied.

(b) The hazardous air pollutant (HAP) content of any coating used in Source ID P103 shall not exceed 4.4 pounds per gallon of coating (minus water) as applied.

II. TESTING REQUIREMENTS.

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

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

The permittee shall keep gauges on site to measure the air pressure, at the cap, of each spray gun used in Source ID P103. The air pressure, at the cap, shall be measured on a weekly basis.

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

(a) The permittee shall keep records of the weekly air pressure readings, at the cap, of each spray gun of Source ID P103.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

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

Source ID P103 shall be equipped with a full set of spray booth filters upon any occasion that Source ID P103 is in use.

VII. ADDITIONAL REQUIREMENTS.**# 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 only types of spray guns to be used in Source ID P103 shall be high volume low pressure (HVLP) type spray guns. The spray guns shall operate between 0.1 and 10.0 psig air pressure at the cap.

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

(a) Source ID P103 is a Binks manufactured model PFA87TB spray booth #3.

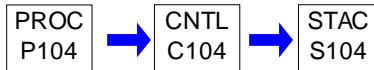
(b) The air contaminant emissions from Source ID P103 shall be controlled by spray booth filters (ID C103).

**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: BINKS PFA128T SPRAY BOOTH 4

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C104 associated with Source ID P104 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [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 volatile organic compound (VOC) content of any coating used in Source ID P104 shall not exceed 6.6 pounds per gallon of coating (minus water) as applied.

(b) The hazardous air pollutant (HAP) content of any coating used in Source ID P104 shall not exceed 4.4 pounds per gallon of coating (minus water) as applied.

II. TESTING REQUIREMENTS.

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

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

The permittee shall keep gauges on site to measure the air pressure, at the cap, of each spray gun used in Source ID P104. The air pressure, at the cap, shall be measured on a weekly basis.

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

(a) The permittee shall keep records of the weekly air pressure readings, at the cap, of each spray gun of Source ID P104.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

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

Source ID P104 shall be equipped with a full set of spray booth filters upon any occasion that Source ID P104 is in use.

VII. ADDITIONAL REQUIREMENTS.**# 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 only types of spray guns to be used in Source ID P104 shall be high volume low pressure (HVLP) type spray guns. The spray guns shall operate between 0.1 and 10.0 psig air pressure at the cap.

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

(a) Source ID P104 is a Binks manufactured model PFA128T spray booth #4.

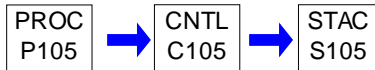
(b) The air contaminant emissions from Source ID P104 shall be controlled by spray booth filters (ID C104).

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: SBS IECD12712 SPRAY BOOTH 5

Source Capacity/Throughput:

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

No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C105 associated with Source ID P105 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [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 volatile organic compound (VOC) content of any coating used in Source ID P105 shall not exceed 6.6 pounds per gallon of coating (minus water) as applied.

(b) The hazardous air pollutant (HAP) content of any coating used in Source ID P105 shall not exceed 4.4 pounds per gallon of coating (minus water) as applied.

II. TESTING REQUIREMENTS.

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

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

The permittee shall keep gauges on site to measure the air pressure, at the cap, of each spray gun used in Source ID P105. The air pressure, at the cap, shall be measured on a weekly basis.

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

(a) The permittee shall keep records of the weekly air pressure readings, at the cap, of each spray gun of Source ID P105.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

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

Source ID P105 shall be equipped with a full set of spray booth filters upon any occasion that Source ID P105 is in use.

VII. ADDITIONAL REQUIREMENTS.**# 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 only types of spray guns to be used in Source ID P105 shall be high volume low pressure (HVLP) type spray guns. The spray guns shall operate between 0.1 and 10.0 psig air pressure at the cap.

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

(a) Source ID P105 is a Spray Booth Systems (SBS) manufactured model IECD12712 spray booth #5.

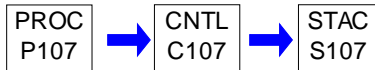
(b) The air contaminant emissions from Source ID P105 shall be controlled by spraybooth filters (ID C105).

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: BINKS 304204 SPRAY BOOTH 6

Source Capacity/Throughput:

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

The permittee shall not permit the emission into the outdoor atmosphere of particulate matter from the exhaust of ID C107 associated with Source ID P107 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

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

- (a) Emissions of volatile organic compounds (VOCs) from Source ID P107 shall not exceed 2.7 tons in any 12 consecutive month period.
- (b) Emissions of hazardous air pollutants (HAPs) from Source ID P107 shall not exceed 1.0 tons in any 12 consecutive month period.
- (c) No more than 732 gallons of Phlexthane-7982 shall be used in Source ID P107 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 records of the VOC emissions, HAP emissions, and Phlexthane-7982 usage in Source ID P107.
- (b) These records shall be retained for five years and 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 that include the records required for Source ID P107.
- (b) These 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 current 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).

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

Source ID P107 is a Binks model 304204 spray booth equipped with a spray booth filter.

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

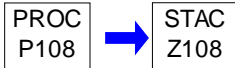
The construction of Source ID P107 was originally approved on September 19, 2016 via online RFD #5852.

**SECTION D. Source Level Requirements**

Source ID: P108

Source Name: POLYURETHANE FOAM PRODUCTION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 40 CFR 63.11417.]

The permittee shall maintain records verifying the facility's compliance with the work practice requirements for P108, as identified in this permit, prohibiting the use of methylene chloride.

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

[Additional authority for this permit condition is derived from 40 CFR 63.11416(c).]

- (a) The permittee shall not use a material containing methylene chloride as an equipment cleaner to flush the mixhead or use a material containing methylene chloride elsewhere as an equipment cleaner.
- (b) The permittee shall not use a mold release agent containing methylene chloride.

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

Source ID P108 is a polyurethane foam production process consisting of the following:

- (a) Nine molding machines;
- (b) Nine MDI (diisocyanate) storage tanks, each 30 gallon capacity;
- (c) Twelve polyol storage tanks, each 30 gallon capacity;
- (d) Various pumps, lines, mixers and molds.

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

Source ID P108 was originally exempted from plan approval in 1998 via RFD.

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

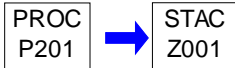
Source ID P108 is subject to 40 CFR Part 63, Subpart OOOOOO. The permittee shall comply with all applicable requirements of Sections 63.11414 through 63.11420.

**SECTION D. Source Level Requirements**

Source ID: P201

Source Name: SOLVENT CLEANING SINK

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

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

The permittee shall keep onsite up-to-date Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that accurately identify the volatile organic compound (VOC) and hazardous air pollutant (HAP) content of all solvents used in Source ID P201.

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

The permittee shall maintain for a minimum of five (5) years and present to the Department upon request the following information:

- (a) The name and address of the solvent supplier,
- (b) The type of solvent including the product or vendor identification number,
- (c) The vapor pressure of the solvent measured in millimeters of mercury (mm Hg) at 68 degrees Fahrenheit.

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

Source ID P201 shall be operated in accordance with the following procedures:

- (a) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
- (b) 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.
- (c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cold cleaning machine.

**SECTION D. Source Level Requirements**

- (d) Air agitated solvent baths may not be used.
 (e) Spills during solvent transfer and use of cold cleaning machine shall be cleaned up immediately.

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

Source ID P201 is a Graco model 112-635 cold cleaning remote reservoir type solvent cleaning sink (parts washer), with a rated capacity of 5 gallons, used for a cleanup operation associated with Source IDs P101-P105.

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

Source ID P201 shall have a permanent, conspicuous label summarizing all work practice requirements identified in this permit for Source ID P201. In addition, the label shall include the following discretionary good operating practices:

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

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

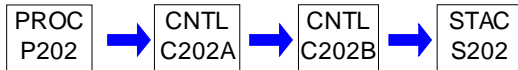
Source ID P201 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. For the remote reservoir cleaning sink of Source ID P201, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

**SECTION D. Source Level Requirements**

Source ID: P202

Source Name: FLUIDIZED BED CLEANING SYSTEM

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Compliance with this emission limitation ensures compliance with 25 Pa. Code Section 123.13(c)(1)(i).]

Pursuant to the Best Available Technology provisions of 25 Pa Code Sections 127.1 and 127.12, Source ID P202 shall maintain its particulate matter emissions at or below 0.02 grains per dry standard cubic foot (gr/dscf) corrected to 12% CO₂.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P202 shall be fired only on natural gas supplied by a public utility, liquified petroleum gas, or by commercial fuel oils which are No. 2 or lighter.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P202 shall not be used to burn coatings that contain halogenated hydrocarbons.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P202 shall be equipped with a temperature indicator and recorder to measure and record the temperature in the secondary combustion chamber. These records shall be kept for a period of five years and shall be made available to the Department upon its 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).

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

Source ID P202 shall be operated and maintained as follows:

- a. in a manner consistent with good operating and maintenance practices;
- b. in accordance with the manufacturer's specifications; and
- c. in accordance with the applicable terms and conditions of this operating permit.

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

Pursuant to the Best Available Technology provisions of 25 Pa Code Sections 127.1 and 127.12, Source ID P202 shall be equipped with a secondary combustion chamber designed to:

- a. maintain a minimum temperature of 1400°F during the period of operation;
- b. have a minimum retention time of gas within the secondary chamber of at least 0.5 seconds.

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

Source ID P202 is a Dinamec model B-3111/TNV/ICV/IP fluidized sand bed cleaning system equipped with:

- a. one 1.488 MMBtu/hour, natural gas-fired primary burner;
- b. one 0.893 MMBtu/hour, natural gas-fired afterburner (secondary combustion chamber, C202A);
- c. one dual cyclone collector (C202B).

Source ID P202 was originally constructed under General Permit GP4-41-00063A, authorized August 9, 2017.



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 following air contaminant sources are considered to the Department to be insignificant with regards to air contaminant emissions and determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulations, including all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (a) Woodworking equipment controlled by fabric collector that exhausts indoors on a year round basis.



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