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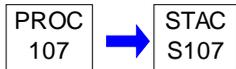
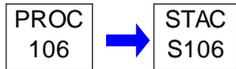
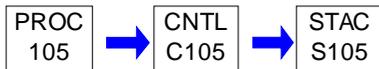
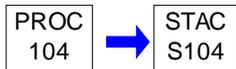
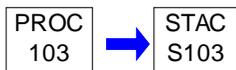
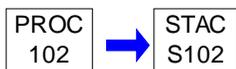
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	AUTOMOTIVE PRODUCTION ROOM	N/A	
102	SILVER PASTE ROOM	N/A	
103	LUSTER/MEDIUM ROOM	N/A	
104	HOBBY BOTTLING ROOM	N/A	
105	SMALL PASTE PRODUCTION ROOM	N/A	
106	GOLD PRODUCTION ROOM	N/A	
107	MERCAPTIDE PRODUCTION ROOM	N/A	
108	COLOR LABORATORY	N/A	
109	GOLD LABORATORY	N/A	
110	KILN ROOM (SAMPLE TESTING)	N/A	
S101	AUTOMOTIVE ROOM STACKS		
S102	SILVER PASTE ROOM STACKS		
S103	LUSTER MEDIUM ROOM STACKS		
S104	HOBBY BOTTLING LINE ROOM STACK		
S105	SMALL PASTE PRODUCTION ROOM STACKS		
S106	GOLD PRODUCTION ROOM STACKS		
S107	MERCAPTIDE PRODUCTION ROOM STACKS		
S108	COLOR LABORATORY STACKS		
S109	GOLD LABORATORY STACKS		
S110	KILN ROOM STACK		

PERMIT MAPS



PERMIT MAPS

PROC 108 → STAC S108

PROC 109 → STAC S109

PROC 110 → STAC S110

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

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

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations).
- (9) Sources and classes of sources other than those identified in (a)(1)-(8), 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 any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

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

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

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

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in any of the following instances.

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

- (a) The total combined Volatile Organic Compound (VOC) emissions from this facility shall not exceed 12.20 tons per year, as calculated as a 12-month rolling sum.
- (b) The total combined Hazardous Air Pollutant (HAP) emissions from this facility shall not exceed 6.75 tons per year, as calculated as a 12-month rolling sum.

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

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from.

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

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

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified in this Operating Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**SECTION C. Site Level Requirements****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If necessary, as part of the compliance schedule under Section C, IX of this operating permit, the permittee shall perform a source test using the Department-approved procedures. Source testing shall be performed for the sources listed in condition (d) below. Source tests shall be conducted while the sources are 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) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(c) The source test shall test for the emission rate of Volatile Organic Compounds (VOCs). The permittee shall perform the source test in accordance with 25 Pa. Code Chapter 139 and the latest edition of the Department's Source Testing Manual (Document No. 274-0300-002).

(d) The following sources shall be tested.

- (i) Gold Production-room exhaust (Stack No.156)
- (ii) Mercaptide Production-fume hood (Stack No.164)
- (iii) Mercaptide Production-room exhaust (Stack No.167)
- (iv) Automotive Production-room exhaust (Stack No. 240)
- (v) Automotive Production-cowles and Buehler TRM exhaust (Stack No. 243)
- (vi) Automotive Production-mixer and packout table exhaust (Stack No.244)

(e) Johnson Matthey, with the Department's approval, may test alternate sources, or stacks, in order to represent actual production operations at the time of the testing.

(f) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.

(g) Within sixty (60) days after the source test(s) (unless a more stringent regulatory requirement applies), an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.

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

(a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be emailed to the PSIMS Administrator.

(1) Southeast Region - RA-EPSEstacktesting@pa.gov.

(2) PSIMS Administrator - RA-EPstacktesting@pa.gov.

(b) The following pertinent information shall be listed on the title page.

(1) Company name and test date(s).

- (i) For protocols provide the proposed date on which testing will commence or "TBD".
- (ii) For reports provide the first and last day of testing.

(2) Facility identification number (Facility - ID) and Operating Permit number.

(4) Source ID(s) for the applicable source(s) and air pollution control device(s). The term Source ID is used in the permit



SECTION C. Site Level Requirements

but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment.

(5) Testing requirements and applicable federal subpart(s).

(c) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

III. MONITORING REQUIREMENTS.

012 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following.

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

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall monitor the facility, once per operating day, for the following.
 - (1) Odors which may be objectionable (as per 25 Pa. Code §123.31).
 - (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42).
 - (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall.
 - (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Have appropriate corrective action taken (for emissions that originate on-site).
 - (4) Be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items.

- (a) Date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

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

The permittee shall maintain records of all the facility's increases of emissions from the following categories.

- (a) Emissions increase of minor significance without notification to the Department.
- (b) De minimis increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

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

(a) The permittee shall demonstrate compliance with the emission limitations of this operating permit by maintaining a list of each material used at this facility that contain VOCs and HAPs, to include the following information.

- (1) The VOC content or HAP content of each material.
- (2) The monthly volume purchased and the amount of each material that is used.
- (b) Emissions of VOCs and HAPs shall be calculated on a monthly basis and as a 12-month rolling sum.
- (c) Emissions shall be calculated by using mass balance or the most recent Department approved source testing data.

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

The permittee shall maintain records of the following training provided to employees.

- (a) Good housekeeping practices.
- (b) The proper handling of materials containing HAPs and VOCs.

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

All records required to be kept in Section C of this Operating Permit shall.

- (a) Be maintained on site for five years from the date the record was created.
- (b) Be made available to the Department upon a receipt of a written or verbal request.

V. REPORTING REQUIREMENTS.**# 019 [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 at 484-250-5920. 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.

**SECTION C. Site Level Requirements**

(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.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR Part 68]

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

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

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following.

- (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130.
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

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

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

**SECTION C. Site Level Requirements**

- (d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall.
- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
- (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.
- (f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if.
- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.
- (2) The permittee fails to submit a compliance schedule or include a statement in an annual Compliance Certification submittal for the previous year indicating compliance with the requirements of the terms and conditions of this permit, and the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68. The certification shall include.
- (i) The identification of each term or condition of the permit that is the basis of the certification.
- (ii) The compliance status.
- (iii) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (iv) Whether compliance was continuous or intermittent.
- (g) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance of this permit.

**# 021 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11603]
SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing**

What are the notification, reporting, and recordkeeping requirements?

- (a) The permittee must submit the notifications identified in paragraphs (a)(1) and (2) of this section.
- (1) The permittee must submit an initial notification of applicability required by 40 CFR §63.9(b)(2) no later than June 1, 2010. The notification of applicability must include the information specified in paragraphs (a)(1)(i) through (iii) of this section.
- (i) The name and address of the owner or operator.
- (ii) The address (i.e., physical location) of the affected source.
- (iii) An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date.
- (2) The permittee must submit a Notification of Compliance Status in accordance with 40 CFR §63.9(h) of the General Provisions by June 3, 2013. This Notification of Compliance Status must include the information specified in paragraphs (a)(2)(i) and (ii) of this section.
- (i) The company's name and address.
- (ii) A statement by a responsible official with that official's name, title, phone number, e-mail address and signature, certifying the truth, accuracy, and completeness of the notification, a description of the method of compliance (i.e.,

**SECTION C. Site Level Requirements**

compliance with management practices, installation of a wet or dry scrubber) and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart.

(b) The permittee must prepare an annual compliance certification report according to the requirements in paragraphs (b)(1) through (b)(3) of this section. This report does not need to be submitted unless a deviation from the requirements of this subpart has occurred. When a deviation from the requirements of this subpart has occurred, the annual compliance certification report must be submitted along with the deviation report.

(1) The permittee must prepare and, if applicable, submit each annual compliance certification report according to the dates specified in paragraphs (b)(1)(i) through (iii) of this section.

(i) The first annual compliance certification report must cover the first annual reporting period which begins the day of the compliance date and ends on December 31.

(ii) Each subsequent annual compliance certification report must cover the annual reporting period from January 1 through December 31.

(iii) Each annual compliance certification report must be prepared no later than January 31 and kept in a readily-accessible location for inspector review. If a deviation has occurred during the year, each annual compliance certification report must be submitted along with the deviation report and postmarked no later than February 15.

(2) The annual compliance certification report must contain the information specified in paragraphs (b)(2)(i) through (iii) of this section.

(i) Company name and address.

(ii) A statement in accordance with 40 CFR §63.9(h) of the General Provisions that is signed by a responsible official with that official's name, title, phone number, e-mail address and signature, certifying the truth, accuracy, and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart.

(iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 12-month period beginning on January 1 and ending on December 31.

(3) If a deviation has occurred during the reporting period, the permittee must include a description of deviations from the applicable requirements, the time periods during which the deviations occurred, and the corrective actions taken. This deviation report must be submitted along with permittee's annual compliance certification report, as required by paragraph (b)(1)(iii) of this section.

(c) The permittee must maintain the records specified in paragraphs (c)(1) through (4) of this section in accordance with paragraphs (c)(5) through (6) of this section, for five years after the date of each recorded action.

(1) As required in 40 CFR §63.10(b)(2)(xiv), the permittee must keep a copy of each notification that was submitted by the permittee in accordance with paragraph (a) of this section, and all documentation supporting any Notification of Applicability and Notification of Compliance Status that was submitted by the permittee.

(2) The permittee must keep a copy of each Annual Compliance Certification Report prepared in accordance with paragraph (b) of this section.

(3) The permittee must keep records of all inspections as required by 40 CFR §63.11602(b).

(4) The permittee's records must be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1).

(5) As specified in 40 CFR §63.10(b)(1), the permittee must keep each record for 5 years following the date of each recorded action.

**SECTION C. Site Level Requirements**

(6) The permittee must keep each record onsite for at least 2 years after the date of each recorded action according to §63.10(b)(1). You may keep the records offsite for the remaining 3 years.

(d) If the permittee no longer processes, uses, or generates material containing HAP after December 3, 2009, the permittee must submit a Notification in accordance with 40 CFR §63.11599(d), which must include the information specified in paragraphs (d)(1) and (2) of this section.

(1) The company's name and address.

(2) A statement by a responsible official indicating that the facility no longer processes, uses, or generates materials containing HAP, as defined in 40 CFR §63.11607, and that there are no plans to process, use or generate such materials in the future. This statement should also include the date by which the company ceased using materials containing HAP, as defined in 63.11607, and the responsible official's name, title, phone number, e-mail address and signature.

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

A person responsible for any source specified 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following.

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

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

(c) Paving and maintenance of roadways.

(d) 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 by other means.

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

In order to minimize HAP and VOC emissions, the permittee shall provide training on good housekeeping practices for the employees on the proper handling of HAP and VOC containing materials used in this Facility.

024 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this Operating Permit are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

025 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in this Operating Permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

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

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

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

**SECTION C. Site Level Requirements**

- (a) The permittee shall comply with the following work practice standards for all materials containing HAPs and VOCs.
- (1) Store all materials in closed containers.
 - (2) Ensure that mixing and storage containers are kept closed at all times except when depositing or removing these materials.
 - (3) Minimize spills of material and clean up spills immediately.
 - (4) Convey materials from one location to another in closed containers.
 - (5) Store all cleaning materials and used shop towels, that contain VOCs and/or HAPs, in closed containers.
- (b) In addition, the permittee shall institute good housekeeping procedures for storage, use, and disposal of all materials containing HAPs and VOCs.

VII. ADDITIONAL REQUIREMENTS.

**# 028 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

The permittee shall notify the Department, and receive written approval from the Department, prior to any changes of raw materials, used at the facility, that would increase emissions beyond the facility's HAP or VOC emission limits as listed in this Operating Permit.

**# 029 [40 CFR Part 63 NESHAPS for Source Categories §Subpart CCCCCC of Part 63 TABLE 1]
SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing
Applicability of General Provisions to Paints and Allied Products Manufacturing Area Sources**

As required in 40 CFR §63.11599, the permittee must meet each requirement in Table 1, to Subpart CCCCCC of Part 63, that applies to the permittee.

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.

#030 01-MAR-22

- (a) The permittee was required to conduct a source test on Source IDs 101, 106 and 107 during the 2011-2016 term of this permit. In 2016 the permittee requested an extension to conduct the source test at a later date. The Department granted the extension then included the source test requirement in the 2017-2021 term of the permit. The permittee completed the source test in 2017. The Department's source testing section conducted a completeness review on the source test report in 2019 and deemed the source test report as administratively incomplete. The Department sent the administratively incomplete notification to the permittee in 2020. The Department received a response from the permittee in 2021 indicating that they will submit a corrected source test report which will include the rectified information that was requested by the Department.
- (b) On or before March 1, 2022 the permittee shall submit a corrected source test report with the information that was requested by the Department in the email from the Department to Johnson Matthey on January 6, 2020 and the email to the permittee's consultant on October 20, 2021.
- (c) If the corrected source test report is not approved by the Department the permittee will retest Source IDs 101, 106 and 107, in accordance with Condition #010 in Section C of this Permit, within 120 days of receiving notification from the Department that the source test report was not approved.

**SECTION C. Site Level Requirements**

#031 01-APR-22

If the permittee does not submit a rectified source test report by March 1, 2022 the permittee shall submit a source test protocol by April 1, 2022 and retest Source IDs 101, 106 and 107 in accordance with Condition #010 in Section C of this Permit.

**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: AUTOMOTIVE PRODUCTION ROOM

Source Capacity/Throughput:

N/A

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.02 gr/dscf.

Control Device Efficiency Restriction(s).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11601]

SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing**What are the standards for new and existing paints and allied products manufacturing facilities?**

(a) The permittee must comply with the requirements in paragraphs (a)(1) through (3) of this section. These requirements apply at all times.

(1) The permittee must operate a capture system that minimizes fugitive particulate emissions during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling process.

(2) The permittee must capture particulate emissions and route them to a particulate control device during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel. This requirement does not apply to pigments and other solids that are in paste, slurry, or liquid form.

(3) During grinding and milling, the permittee must:

(i) Capture particulate emissions and route them to a particulate control device during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process; or

(ii) Add pigments and other solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process only in paste, slurry, or liquid form; or

(iii) Fully enclose the grinding and milling equipment during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel; or

(iv) Ensure that the pigments and solids are in the solution during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel.

(b) The visible emission requirement from 40 CFR Section 63.11601 paragraph (a)(5) does not apply to this source because the control device vents indoors and not to the atmosphere.

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11602]**SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing****What are the performance test and compliance requirements for new and existing sources?**

The permittee must record the information specified below for each PM control device inspection.

- (a) The date, place, and time.
- (b) Person conducting the Inspection.
- (c) Operating conditions during the inspection.
- (d) Results of inspection.
- (e) Description of correction actions taken.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11602]****SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing****What are the performance test and compliance requirements for new and existing sources?**

The permittee must inspect and maintain each PM control device according to the requirements listed below.

- (a) Conduct weekly visual inspections of any flexible ductwork for leaks.
- (b) Conduct inspections of the rigid, stationary ductwork for leaks, and the interior of the dry particulate control unit for structural integrity and to determine the condition of the fabric filter (if applicable) every 12 months.

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

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

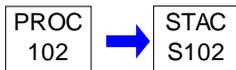
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: SILVER PASTE ROOM

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

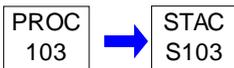
**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: LUSTER/MEDIUM ROOM

Source Capacity/Throughput:

N/A

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.

(b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.

(b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

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.

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

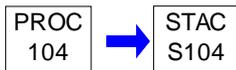
**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: HOBBY BOTTLING ROOM

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: SMALL PASTE PRODUCTION ROOM

Source Capacity/Throughput:

N/A

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.02 gr/dscf.

Control Device Efficiency Restriction(s).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11601]

SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing**What are the standards for new and existing paints and allied products manufacturing facilities?**

(a) The permittee must comply with the requirements in paragraphs (a)(1) through (3) of this section. These requirements apply at all times.

(1) The permittee must operate a capture system that minimizes fugitive particulate emissions during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling process.

(2) The permittee must capture particulate emissions and route them to a particulate control device during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel. This requirement does not apply to pigments and other solids that are in paste, slurry, or liquid form.

(3) During grinding and milling, the permittee must:

(i) Capture particulate emissions and route them to a particulate control device during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process; or

(ii) Add pigments and other solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process only in paste, slurry, or liquid form; or

(iii) Fully enclose the grinding and milling equipment during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel; or

(iv) Ensure that the pigments and solids are in the solution during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel.

(b) The visible emission requirement from 40 CFR Section 63.11601 paragraph (a)(5) does not apply to this source because the control device vents indoors and not to the atmosphere.

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11602]**SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing****What are the performance test and compliance requirements for new and existing sources?**

The permittee must record the information specified below for each PM control device inspection.

- (a) The date, place, and time.
- (b) Person conducting the inspection.
- (c) Operating conditions during the inspection.
- (d) Results of inspection.
- (e) Description of correction actions taken.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart CCCCCC § 63.11602]****SUBPART CCCCCC - National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing****What are the performance test and compliance requirements for new and existing sources?**

The permittee must inspect and maintain each PM control device according to the requirements listed below.

- (a) Conduct weekly visual inspections of any flexible ductwork for leaks.
- (b) Conduct inspections of the rigid, stationary ductwork for leaks, and the interior of the dry particulate control unit for structural integrity and to determine the condition of the fabric filter (if applicable) every 12 months.

VII. ADDITIONAL REQUIREMENTS.

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

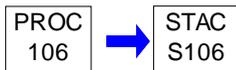
**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: GOLD PRODUCTION ROOM

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

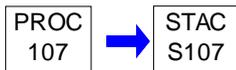
**SECTION D. Source Level Requirements**

Source ID: 107

Source Name: MERCAPTIDE PRODUCTION ROOM

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

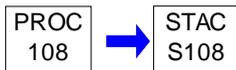
**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: COLOR LABORATORY

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

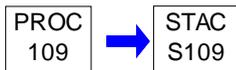
**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: GOLD LABORATORY

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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

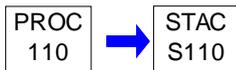
**SECTION D. Source Level Requirements**

Source ID: 110

Source Name: KILN ROOM (SAMPLE TESTING)

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

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

- (a) The permittee shall monitor the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall monitor the VOC and HAP emissions from this source on a monthly basis.

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

- (a) The permittee shall record the amount of materials containing VOC and HAPs used in this source on a monthly basis.
- (b) The permittee shall record the VOC and HAP emissions from this source on a monthly basis and on a 12-month rolling sum basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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.

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



SECTION E. Source Group Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id

Source Description

Site Emission Restriction Summary

Emission Limit		Pollutant
6.750 Tons/Yr	Total Facility combined HAP emissions on a 12-month rolling sum basis	Hazardous Air Pollutants
12.200 Tons/Yr	Total Facility combined VOC emissions on a 12-month rolling sum basis	VOC

**SECTION H. Miscellaneous.**

(a) The following sources are considered trivial activities and are not listed in Section D of this Operating Permit. However, the emissions from these sources must be included when calculating the facility wide emission totals.

- (1) Vat Washer Heater
- (2) HVAC units
- (3) Make-up air units
- (4) Space Heaters

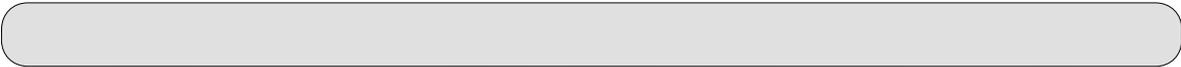
(b) This Permit has been amended under authorization No. 914092 (2/10/12). The following conditions have been amended:

- (1) Section C, Condition No. 014(b)(i)
- (2) Section C, Condition No. 27 (now Condition No. 28)
- (3) Section D, Condition No. 001 of Source ID Nos. 101 and 105
- (4) Section D, Condition No. 002(b)(i) of Source ID Nos. C101 and C105.

(c) December 2016, this permit has been renewed under Authorization No. 1141035.

(d) January 2022, this permit has been renewed under Authorization No. 1357769 and APS ID No. 735891.

(e) April 2022, this permit has been amended under AUTH ID No. 1388942 and APS ID No. 1059099. As requested by Fenzi AGT USA, through a change of ownership form and administrative amendment application, the Department has transferred the existing Air Quality Operating Permit from Johnson Matthey, Inc. to Fenzi AGT USA,LLC.



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