



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: December 29, 2014

Effective Date: December 29, 2014

Expiration Date: December 28, 2019

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: 09-00165

Synthetic Minor

Federal Tax Id - Plant Code: 23-0419040-1

Owner Information

Name: BOEKEL IND INC

Mailing Address: 855 PENNSYLVANIA BLVD
FEASTERVILLE, PA 19053

Plant Information

Plant: BOEKEL IND INC/FEASTERVILLE

Location: 09 Bucks County 09006 Lower Southampton Township

SIC Code: 3821 Manufacturing - Laboratory Apparatus And Furniture

Responsible Official

Name: STEVE CHRISTIE

Title: PRESIDENT & COO

Phone: (215) 396 - 8200

Permit Contact Person

Name: MARC DAVIES

Title: MANAGER INFO TECH

Phone: (215) 396 - 8200 Ext.225

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements



SECTION A. Table of Contents

- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

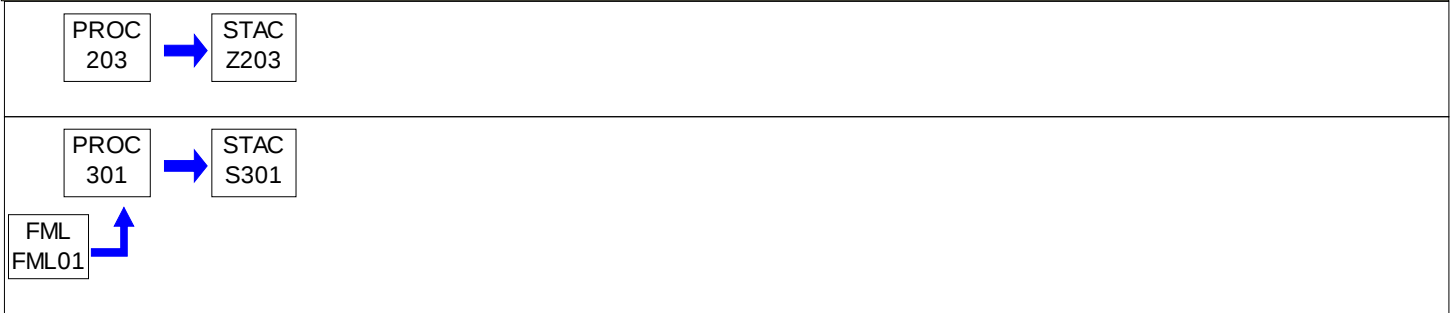
Section F. Emission Restriction Summary

Section G. Miscellaneous

SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
203	ULTRONIX BATCH VAPOR DEGREASER	N/A	TRICHLOROETHYLENE (
301	KOHLER EMERGENCY GENERATOR SET	143.000 CF/HR	Natural Gas
FML01	NATURAL GAS PIPELINE		
S301	KOHLER EMERGENCY GENERATOR SET STACK		
Z203	ULTRONIX BATCH VAPOR DEGREASER FUGITIVE EMISSIONS		

PERMIT MAPS



SECTION B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

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

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

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

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

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 and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (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 fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

SECTION B. General State Only Requirements

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#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

SECTION B. General State Only Requirements

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

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

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued 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]

Operating Permit Modifications

- (a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

SECTION B. General State Only Requirements

significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make 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 make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#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 C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14 (see Condition # 007(a)–(g), Section C, of this permit).
- (g) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (h) Coke oven batteries, provided that the fugitive air contaminant emissions from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15.
- (i) Sources and classes of sources other than those indicated in (a)–(h), above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive air contaminant emissions from the sources, after appropriate controls, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution.
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]

Fugitive particulate matter

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

004 [25 Pa. Code §123.31]

Limitations

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

005 [25 Pa. Code §123.41]

Limitations

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

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

SECTION C. Site Level Requirements

006 [25 Pa. Code §123.42]

Exceptions

The emission restrictions specified in 25 Pa. Code § 123.41 (see Condition # 005(a)–(b), Section C, of this permit) shall not apply to a visible air contaminant emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the restrictions.
- (b) When the emission results from a source(s) specified in 25 Pa. Code § 123.1 (see Condition # 002(a)–(i), Section C, of this permit).

007 [25 Pa. Code §129.14]

Open burning operations

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

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

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §123.43]

Measuring techniques

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

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

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

SECTION C. Site Level Requirements

- (a) The permittee shall monitor this facility, at least once per operating day, for the following:
- (1) Odors, which may be objectionable (as per 25 Pa. Code § 123.31; see Condition # 004, Section C, of this permit).
 - (2) Visible air contaminant emissions (as per 25 Pa. Code §§ 123.41 and 123.42; see Conditions # 005–006, Section C, of this permit, respectively).
 - (3) Fugitive air contaminant emissions (as per 25 Pa. Code §§ 123.1 and 123.2; see Conditions # 002–003, Section C, of this permit, respectively).
- (b) Objectionable odors, visible air contaminant emissions, and/or fugitive air contaminant emissions that are caused or may be caused by operations at the facility shall:
- (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Have appropriate corrective action taken (for emissions that originate on-site).
 - (4) Be recorded in a permanent written log.
- (c) At the end of 6 months, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to weekly for the next 6-month period.
- (d) At the end of the second 6-month period, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to, the review of complaints, monitoring results, and/or Department findings.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.10(b)(1), 63.467(b), and 63.6660(a)–(c); and 25 Pa. Code § 127.35(b).]

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

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

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

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

SECTION C. Site Level Requirements

(b) The permittee shall maintain records of the monitoring in a Department-approved format and time frame.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

V. REPORTING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.6655(a)(2) and (5), and 25 Pa. Code § 127.35(b).]

- (a) The permittee shall, within 2 hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction(s) of a source(s) and/or associated air pollution control device(s) listed in Sections A or G, of this permit, that results in, or may possibly result in, the emission of air contaminants in excess of the restrictions specified in this permit or established pursuant to any applicable rule or regulation contained in 25 Pa. Code, Article III.
- (b) The permittee shall immediately report to the Department, by telephone at the above number, any malfunction(s) that occurs at this facility and poses an imminent danger to public health, safety, welfare, and the environment, or would violate permit conditions if the source(s) and/or associated air pollution control device(s) were to continue to operate after the malfunction(s).
- (c) The permittee shall submit, to the Department, a written report within 2 working days following the notification of the incident. The report shall include, at a minimum, the following:
 - (1) A description of the malfunction(s).
 - (2) The source(s) and/or associated air pollution control device(s) and location(s).
 - (3) The duration (including the starting and ending date(s) and times).
 - (4) The cause(s).
 - (5) The emission(s).
 - (6) Any action(s) taken to minimize emissions, in accordance with Condition # 018, Section C, of this permit, including any corrective action(s) taken to restore malfunctioning equipment to its normal or usual manner of operation.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. 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 all applicable provisions of the Clean Air Act, 40 C.F.R. Part 68 (relating to chemical accident

SECTION C. Site Level Requirements

prevention provisions), and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) that meets all applicable provisions of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at this facility. The permittee shall submit the RMP to the EPA according to the following schedule and requirements:

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

(i) Three (3) years after the date on which a regulated substance is first listed in 40 C.F.R. § 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 C.F.R. § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with all applicable provisions of 40 C.F.R. 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 C.F.R. § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances, or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If this facility is subject to any provisions of 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following:

(1) Submit a compliance schedule for satisfying all applicable provisions of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).

(2) Certify that the facility is in compliance with all applicable provisions of 40 C.F.R. Part 68 including the registration and submission of the RMP.

(e) If the facility is subject to any provisions of 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 C.F.R. § 68.200.

(f) When the facility is subject to the accidental release program provisions of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

016 [25 Pa. Code §135.3]

Reporting

(a) If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from each previously-reported source(s), a new source(s) that was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in Section G, of this permit.

(b) The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

SECTION C. Site Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces that may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved roads onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.6(e)(1)(i)–(ii), 63.463(d)(9), and 63.6605(b); and 25 Pa. Code §§ 127.35(b), 127.443(b), and 127.444.]

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

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

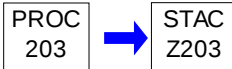
Source ID: 203

Source Name: ULTRONIX BATCH VAPOR DEGREASER

Source Capacity/Throughput:

N/A

TRICHLOROETHYLENE (TCE)

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that emission into the outdoor atmosphere of TCE from this batch vapor degreaser occurs in such a manner that the rate of the emission does not exceed 9.5 tons/yr, calculated monthly as a 12-month rolling sum.

Throughput Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that TCE is the only degreasing solvent used in the operation of this batch vapor degreaser. The use of any other degreasing solvents shall be approved by the Department prior to their use.

Control Device Efficiencies Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(b)(2)(i) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall implement and maintain the following control combination for this batch vapor degreaser:

- (a) Freeboard refrigeration device (freeboard chiller).
- (b) Freeboard ratio equal to or greater than 1.0.
- (c) Reduced room draft.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(a)(3)–(5) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that this batch vapor degreaser is equipped with the following:

- (a) A safety switch (thermostat and condenser flow switch) which shuts off the sump heat if the refrigerant is not circulating.
- (b) A vapor up control switch which shuts off the spray pump if vapor is not present.
- (c) An automated parts handling system that operates in compliance with Condition # 018(a)–(b), Section D (under Source ID 203), of this permit.
- (d) A device that shuts off the sump heat if the sump degreasing solvent level drops to the sump heater coils.

SECTION D. Source Level Requirements

(e) A vapor level control device that shuts off the sump heat if the vapor level in the degreaser rises above the height of the primary condenser.

II. TESTING REQUIREMENTS.

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

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

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

The permittee shall monitor the following operating parameters for this batch vapor degreaser on a monthly basis:

- (a) The amount of TCE purchased.
- (b) The amount of TCE added.
- (c) The amount of TCE removed/recycled.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.466(a)(1) and (d)(1)(ii) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall monitor the following operating parameters for this batch vapor degreaser on a weekly basis:

- (a) The temperature at the center of the air blanket (during the idling mode).
- (b) Changes to the setup of controlled room parameters under which compliance with Condition # 017(a), Section D (under Source ID 203), of this permit, was initially demonstrated (i.e., redirected fans, opened doors and windows, etc., such that the air flow in the room may be affected).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.466(c)(1)–(2) and (d)(1)(i)(A)–(D), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall monitor the following operating parameters for this batch vapor degreaser:

- (a) The hoist speed, as determined in accordance with Condition # 029, Section D (under Source ID 203), of this permit, on a monthly basis.
- (b) The wind speed at each of the top four corners of the degreaser, as determined in accordance with Condition # 030, Section D (under Source ID 203), of this permit, on a quarterly basis.
- (c) The average of the wind speed readings in (b), above.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.467(b)(3) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

SECTION D. Source Level Requirements

The permittee shall maintain records of the following for the TCE used in this batch vapor degreaser on a monthly and 12-month rolling basis:

- (a) The amount of TCE purchased.
- (b) The amount of TCE added.
- (c) The amount of TCE removed/recycled.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.466(a)(1) and (d)(1)(ii) and 63.467(b)(1), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall maintain records of the following operating parameters for this batch vapor degreaser on a weekly basis:

- (a) The temperature at the center of the air blanket (during the idling mode).
- (b) Changes to the setup of controlled room parameters under which compliance with Condition # 017(a), Section D (under Source ID 203), of this permit, was initially demonstrated.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.466(d)(1)(i) and 63.467(b)(1), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall maintain records of the following operating parameters for this batch vapor degreaser:

- (a) The hoist speed, as determined in accordance with Condition # 029, Section D (under Source ID 203), of this permit, on a monthly basis.
- (b) The wind speed at each of the top four corners of the degreaser, as determined in accordance with Condition # 030, Section D (under Source ID 203), of this permit, on a quarterly basis.
- (c) The average of the wind speed readings in (b), above.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.467(a)(1)–(2) and (5) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall maintain records of the following for the lifetime of this batch vapor degreaser:

- (a) Owner's manuals, or if not available, written maintenance and operating procedures, for the degreaser and its control equipment.
- (b) The date(s) of installation for the degreaser and its control equipment.
- (c) The TCE content of the degreasing solvent used in the degreaser.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.466(b)(1) and 63.467(b)(1), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

SECTION D. Source Level Requirements

The permittee shall maintain records of all maintenance (i.e., routine and/or preventative maintenance, repairs, adjustments, parts replacements, calibrations, etc.) performed for this batch vapor degreaser and associated equipment. These records shall contain, at a minimum, the following:

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

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.467(b)(2) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall maintain records of the following information for each exceedance and potential exceedance, as specified in Condition # 032(a)–(b), Section D (under Source ID 203), of this permit, respectively:

- (a) A description of the exceedance/potential exceedance.
- (b) The starting and ending date(s) and time(s).
- (c) The cause(s).
- (d) The corrective action(s) taken, including the following:
 - (1) Any order(s) for replacement parts.
 - (2) A description of the adjustment(s) or repair(s) made.
 - (3) Additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(a)(2) and (b)(2)(i) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that the freeboard ratio of this batch vapor degreaser is equal to or greater than 1.0.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(e)(2)(i) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that the chilled air blanket temperature, measured at the center of the air blanket of this batch vapor degreaser, does not exceed 30% of the TCE boiling point, or 56.4 °F, except when defrosting.

SECTION D. Source Level Requirements

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(e)(2)(ii)(A)–(B) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

(a) The permittee shall ensure that the flow or movement of air across the top of the freeboard area of this batch vapor degreaser does not exceed 15.2 m/min (50 ft/min).

(b) The permittee shall maintain the controlled room parameters under which compliance with (a), above, was initially demonstrated.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(a)(3) and (d)(2) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that the hoist speed when parts and/or the parts basket are entering or exiting the vapor zone of this batch vapor degreaser is neither of the following:

(a) Greater than 0.9 m/min (3 ft/min) if the parts or parts basket occupies more than 50% of the solvent/air interface area.

(b) Greater than 3.4 m/min (11 ft/min) at any time.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that the temperature of the refrigerant circulated through this batch vapor degreaser by the associated freeboard chiller does not exceed 0 °F, except when defrosting.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that the discharge temperature of the water/ethylene glycol solution from the primary condenser associated with this batch vapor degreaser does not exceed 120 °F.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that the boiling point of the degreasing solvent used in this batch vapor degreaser does not exceed 195 °F.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(d)(3)–(8) and (11)–(12) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that this batch vapor degreaser is operated in accordance with the following procedures:

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

(b) Parts shall be oriented so that the degreasing solvent drains from them freely. Parts having cavities or blind holes

SECTION D. Source Level Requirements

shall be tipped or rotated while the part is draining. Cleaned parts shall be drained at least 15 seconds or until dripping ceases, whichever is longer.

(c) Parts or parts baskets may not be removed from the degreaser until dripping has ceased.

(d) Any flushing or spraying operations shall be performed within the vapor zone of the degreaser or other section of the degreaser that is not exposed to the ambient air (i.e., a baffled or enclosed area of the degreaser). The degreasing solvent spray shall be a solid fluid stream, not an atomized or shower spray.

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

(f) Work area fans shall be located and positioned so that they do not blow across the opening of the degreaser.

(g) During startup of the degreaser, the primary condenser shall be turned on before the sump heater.

(h) During shutdown of the degreaser, the sump heater shall be turned off and the vapor layer shall be allowed to collapse before the primary condenser is turned off.

(i) When TCE/degreasing solvent is added to or drained from the degreaser, the TCE/degreasing solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the sump shall be located beneath the surface of the degreasing solvent.

(j) Spills during use of the degreaser and during TCE/degreasing solvent transfer shall be cleaned up immediately.

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(a)(1)(i), (d)(1)(i), and (e)(2)(iii)–(iv); and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall ensure that the cover of this batch vapor degreaser complies with the following requirements:

(a) Is opened only for parts entrance and removal (during the working mode).

(b) Is closed/in place whenever parts are not in the degreaser, as follows:

(1) At all times during the idling mode.

(2) At all times during the downtime mode, except the following:

(i) After the degreasing solvent has been removed.

(ii) When maintenance or monitoring is being performed that requires the cover not to be closed/in place.

(iii) When TCE is being added to the degreaser.

(c) Completely covers the degreaser openings when closed/in place.

(d) Is maintained free of cracks, holes, and other defects.

(e) Can be readily opened or closed without disturbing the vapor zone.

(f) Is powered.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

The permittee shall ensure that a timer provides a defrost cycle for this batch vapor degreaser every 1–4 hours, as needed. The degreaser cover shall not be opened during the defrost cycle. The defrost cycle shall terminate when the suction temperature reaches 40 °F.

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that the water separator of this batch vapor degreaser discharges the ice melt to drain.

026 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that during non-operating hours (such as nights and weekends), water/ethylene glycol solution from the primary condenser associated with this batch vapor degreaser maintains a trickle flow through the cooling coils to prevent possible freezing.

027 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall operate the freeboard chiller associated with this batch vapor degreaser on a continuous basis (even during nights and weekends) to minimize degreasing solvent evaporation.

028 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall ensure that this batch vapor degreaser displays a permanent, conspicuous label summarizing the operating requirements specified in Conditions # 022 and 023(a)–(b), Section D (under Source ID 203), of this permit.

029 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.466(c)(1) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall determine the speed of the automated parts handling system (i.e., hoist speed) associated with this batch vapor degreaser, as follows:

(a) Measure the time it takes for the hoist to travel a certain (measured) distance.

(b) Divide the distance traveled (meters and feet) by the time (minutes).

030 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.466(d)(1)(i)(A)–(B) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall determine the wind speed within 6 inches above the top of the freeboard area of this batch vapor degreaser, as follows:

(a) Determine the direction of the wind current by slowly rotating a velometer or similar device until the maximum speed is located.

(b) Orienting the velometer or similar device in the direction of the wind current determined in (a), above, measure the wind speed at each of the top four corners of the degreaser.

SECTION D. Source Level Requirements

031 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.466(b)(1) and 25 Pa. Code §§ 127.35(b), 127.443(b), and 127.444.]

The permittee shall perform the following maintenance for this batch vapor degreaser and associated equipment, in accordance with Condition # 012, Section D (under Source ID 203), of this permit:

(a) A visual check of the cover of the degreaser, to determine compliance with Condition # 023(a)–(d), Section D (under Source ID 203), of this permit, on a monthly basis.

(b) Routine and/or preventative maintenance of the batch vapor degreaser and associated equipment, in accordance with the manufacturers' specifications.

032 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(e)(3)(i)–(ii) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

Each period of time in which this batch vapor degreaser is not operated in compliance with any of the following shall be considered an exceedance:

(a) Conditions # 017(b), 018(a)–(b), or 023(a)–(c), Section D (under Source ID 203), of this permit.

(b) Conditions # 016, 017(a), or 023(d), Section D (under Source ID 203), of this permit, if the problem is not corrected within 15 days of detection.

033 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate the TCE emissions from this batch vapor degreaser on a monthly and 12-month rolling basis, using a Department-approved method(s).

VII. ADDITIONAL REQUIREMENTS.

034 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a 7.50-ft × 2.67-ft × 6.08-ft (2.29-m × 0.81-m × 1.85-m; length × width × depth) (internal dimensions), open top, batch vapor degreaser, model no. VS853026, manufactured by Ultronix, Inc. The vapor degreaser has a solvent/air interface area of 20.0 ft² (1.86 m²) and a total solvent capacity of 105 gallons, and is operated with the following associated equipment:

(a) A cooler/recirculator (primary condenser), model no. A-5, manufactured by Temptek, Inc. The cooler/recirculator uses a water/ethylene glycol solution as the heat transfer medium, and has a rated heat removal capacity of 60,000 Btu/hr.

(b) A Zer-O-Coil sub-zero refrigeration condensing unit (freeboard chiller), model no. DJAL-A0201-TFD-100, manufactured by Copeland Corp. The condensing unit uses R-404A refrigerant as the heat transfer medium, and has a rated heat removal capacity of ~11,200 Btu/hr at -10 °F.

035 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This batch vapor degreaser is subject to, and shall comply with all applicable provisions of, 40 C.F.R. Part 63, Subpart T. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Associate Director
Office of Air Enforcement and Compliance Assistance (3AP20)

SECTION D. Source Level Requirements

U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

036 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.463(d)(10) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

Each operator of this batch vapor degreaser shall complete and pass the applicable sections of the test of solvent cleaning procedures specified in 40 C.F.R. Part 63, Subpart T, Appendix A, if requested during an inspection by the EPA or the Department.

037 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.468(f)(1)–(2) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall submit an annual report to the EPA and the Department for this batch vapor degreaser. The report shall be submitted by February 1, of each year, for the preceding calendar year, and shall include the following:

(a) A signed statement from the permittee stating that: "All operators of this batch vapor degreaser have received training on the proper operation of the degreaser and its control equipment sufficient to pass the test of solvent cleaning procedures required by § 63.463(d)(10)."

(b) The amount of TCE added to the degreaser.

038 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.463(e)(4) and 63.468(h)–(i), and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

The permittee shall submit an exceedance report to the EPA and the Department for this batch vapor degreaser, in accordance with the following:

(a) The exceedance report shall include the information specified in Condition # 013, Section D (under Source ID 203), of this permit. If no exceedances have occurred during the reporting period, or the degreaser or associated equipment have not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

(b) The exceedance report shall be submitted on a semi-annual basis, except as follows:

(i) When the EPA or the Department determine, on a case-by-case basis, that more frequent reporting is necessary to accurately assess the compliance status of the degreaser.

(ii) Once an exceedance occurs, the reporting frequency shall change to quarterly.

(c) If required by (b)(i) or (ii), above, to submit an exceedance report on a quarterly (or more frequent) basis, the permittee may submit to the EPA and the Department, for approval, a request to reduce the reporting frequency to semi-annually. The request will only be approved if the following requirements are satisfied:

(1) The permittee demonstrates that the degreaser has operated for a full year without an exceedance.

(2) The permittee continues to comply with all relevant monitoring and recordkeeping requirements specified in 40 C.F.R. Part 63, Subparts A and T.

(3) Neither the EPA nor the Department object to reducing the reporting frequency, as provided in 40 C.F.R.

**SECTION D. Source Level Requirements**

§ 63.10(e)(3)(iii).

(d) The exceedance report shall be delivered or postmarked by the 30th day following the end of the reporting period, in accordance with (b)–(c), above.

SECTION D. Source Level Requirements

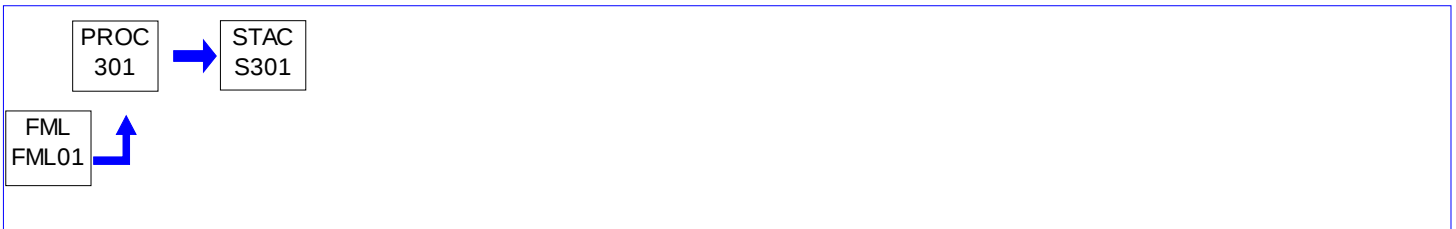
Source ID: 301

Source Name: KOHLER EMERGENCY GENERATOR SET

Source Capacity/Throughput:

143.000 CF/HR

Natural Gas

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from the plan approval-exempt engine of this emergency generator set occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

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

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

- (a) 100 lbs/hr.
- (b) 1,000 lbs/day.
- (c) 2.75 tons per ozone season.
- (d) 6.6 tons/yr, calculated monthly as a 12-month rolling sum.

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

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

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.6640(f)(2)–(3) and 25 Pa. Code §§ 127.35(b) and 127.443(b).]

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

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

SECTION D. Source Level Requirements

- (3) Supplying power to an electric grid to generate income.
- (4) Supplying power as part of a financial arrangement with another entity.
- (c) Less than or equal to a total of 100 hours per calendar year for the following purposes:
 - (1) Any maintenance, including readiness testing and tune-ups.
 - (2) Emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2.
 - (3) When there is a deviation in voltage or frequency of 5% or greater below the standard level(s).
 - (4) The non-emergency situations indicated in (b), above.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The following for each type of operation, on an operating day basis:
 - (1) The type of operation.
 - (2) The hours of operation.
- (b) The amount of natural gas consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

- (a) All notifications required to comply with all applicable provisions of 40 C.F.R. Part 63, Subpart ZZZZ (along with all supporting documentation).
- (b) All maintenance performed. These records shall contain, at a minimum, the following:
 - (1) The date and time of the maintenance.
 - (2) The reading on the hour-meter of the emergency generator set.
 - (3) The type of maintenance performed.
- (c) All oil analyses performed as part of the oil analysis program specified in Condition # 011(b)(1)–(4), Section D (under Source ID 301), of this permit. These records shall contain, at a minimum, the following for each oil analysis:
 - (1) The date that the oil analysis is performed.
 - (2) The parameters analyzed.
 - (3) The date that the results of the oil analysis are received.
 - (4) The results of the analysis.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

- (a) The permittee shall ensure that the plan approval-exempt engine of this emergency generator set is operated and maintained in accordance with the manufacturers' emission-related written instructions.
- (b) The permittee shall not change any emission-related settings on the engine except those that are permitted by the manufacturer.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements

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

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

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

- (1) The amount of time spent at idle during startup is minimized.
- (2) The total amount of startup time is minimized to that needed to ensure appropriate and safe loading of the engine, but no greater than 30 minutes.
- (3) Except as specified in (b)(3), below, the oil and filter are changed every 500 hours of operation or on an annual basis, whichever comes first.
- (4) The spark plugs are inspected every 1,000 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.
- (5) All hoses and belts are inspected every 500 hours of operation or on an annual basis, whichever comes first, and replaced as necessary.

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

- (1) The oil analysis shall be performed at the same frequency as specified in (a)(3), above, for changing the oil.
- (2) The oil analysis shall be performed for at least the following parameters, so that compliance with the following condemning limits can be determined:
 - (i) Total acid number: Increases by greater than 3.0 milligrams of potassium hydroxide (KOH) per gram of oil from the total acid number of the oil when new.
 - (ii) Viscosity: Changed by greater than 20% from the viscosity of the oil when new.
 - (iii) Percent water (by volume): Greater than 0.5.
- (3) If none of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee is not required to change the oil in the engine.
- (4) If any of the condemning limits specified in (b)(2)(i)–(iii), above, are exceeded for the engine, the permittee shall change the oil in the engine within 2 business days after receiving the results of the analysis, or before commencing operation, whichever is later.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

SECTION D. Source Level Requirements**VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) This source consists of an emergency generator set, model no. 10RM62, manufactured Kohler Co. The emergency generator set is rated at 10 kW power output.

(b) The emergency generator set is equipped with a four-cylinder, natural gas-fired (plan approval-exempt) internal combustion engine, model no. VH4D, manufactured by Wisconsin Motors, LLC. The engine is rated at 22.5 bhp power output (at 1800 rpm) and has a displacement of 0.441 liters per cylinder.

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

The plan approval-exempt engine of this emergency generator set is subject to, and shall comply with all applicable provisions of, 40 C.F.R. Part 63, Subpart ZZZZ. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies shall be forwarded to:

Associate Director
Office of Air Enforcement and Compliance Assistance (3AP20)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description		
203	ULTRONIX BATCH VAPOR DEGREASER		
Emission Limit		Pollutant	
9.500	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	Trichloroethylene
301	KOHLEMERGENCY GENERATOR SET		
Emission Limit		Pollutant	
2.750	Tons/OZNESEAS	From the Plan Approval-Exempt Engine	NOX
6.600	Tons/Yr	12-Month Rolling Sum, Calculated Monthly; From the Plan Approval-Exempt Engine	NOX
100.000	Lbs/Hr	From the Plan Approval-Exempt Engine	NOX
1,000.000	Lbs/Day	From the Plan Approval-Exempt Engine	NOX
0.040	gr/DRY FT3	From the Plan Approval-Exempt Engine	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
----------------	-----------

SECTION G. Miscellaneous.

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

- (1) Operating Permit No. 09-318-070.
- (2) Plan Approval No. 09-0165.

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

- (1) Laboratory equipment and related activities.
- (2) Drop hammers/hydraulic presses.
- (3) A propane-fueled forklift.

(4) A natural gas-fired boiler, model no. MCB200HD, manufactured by Columbia Boiler Co. (formerly Source ID 031). The boiler is rated at 200 mBtu/hr heat input.

- (5) Twelve natural gas-fired space heaters (formerly Source ID 101), as follows:

Manufacturer	Model No.	Rated Heat Input	Quantity
Lennox	LS-250-AM	250 mBtu/hr	10
Reznor	F250	250 mBtu/hr	2

		3.00 mmBtu/hr	

- (6) A powder spray booth with electrostatic application, model no. 180780-A02, manufactured by Nordson Corporation.

(7) A natural gas-fired bake oven, model no. GO-506, manufactured by DeVilbiss (formerly Source ID 102), associated with (b)(6), above. The bake oven is rated at 550 mBtu/hr heat input.

(8) A paint spray booth, model no. 3Z862, manufactured by Dayton. The spray booth uses 16 fiberglass panel filters manufactured by FibAir.

(c) This permit (APS ID 488346, Auth ID 1007656) is a renewal of State Only Operating Permit No. 09-00165, originally issued on February 3, 2004 (APS ID 488346, Auth ID 509001), amended on July 17, 2007 (APS ID 488346, Auth ID 684091), and previously renewed on July 28, 2009 (APS ID 488346, Auth ID 712200). The following is a listing of the changes reflected in this permit:

- (1) The title of the responsible official has been changed from "President & CEO" to "President & COO."

(2) The following source, fuel material location, and emission point, along with a corresponding fuel throughput listing, permit map, conditions, and emission restrictions, have been added to Sections A, D, and F, of this permit, where applicable:

Source ID	Source Name
301	Kohler Emergency Generator Set
FML01	Natural Gas Pipeline
S301	Kohler Emergency Generator Set Stack

(3) Exceptions for emission into the outdoor atmosphere of fugitive air contaminants from blasting in pit mines and from coke oven batteries have been added to Condition # 002, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-conditions (g)–(h), respectively.

(4) Exceptions for open burning operations in conjunction with the production of agricultural commodities in their unmanufactured state, and for the purpose of burning domestic refuse, have been added to Condition # 007, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-conditions (d)–(e), respectively.

SECTION G. Miscellaneous.

(5) The following for Condition # 010, Section C, of the previously-renewed permit (same condition number in this permit):

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

(A) The reference to the Department has been removed from Sub-condition (a)(1).

(B) References to conditions containing applicable requirements for objectionable odors, visible air contaminant emissions, and fugitive air contaminant emissions have been added to Sub-conditions (a)(1)–(3), respectively.

(ii) A requirement to have appropriate corrective action taken for emissions that originate on-site has been added as Sub-condition (b)(3).

(6) Additional authority citations to 40 C.F.R. §§ 63.10(b)(1) and 63.6660(a)–(c), and 25 Pa. Code § 127.35(b), have been added to Condition # 013, Section C, of the previously-renewed permit (Condition # 011, Section D, of this permit).

(7) The following for Condition # 014, Section C, of the previously-renewed permit (same condition number in this permit):

(i) Additional authority citations to 40 C.F.R. § 63.6655(a)(2) and (5), and 25 Pa. Code § 127.35(b), have been added.

(ii) A requirement for the written report of each malfunction to include any actions taken to minimize emissions from the malfunction has been added as part of Sub-condition (c)(6).

(8) Conditions # 016 and 018, Section C, of the previously-renewed permit, have been removed.

(9) Additional authority citations to 40 C.F.R. §§ 63.6(e)(1)(i)–(ii) and 63.6605(b) have been added to Condition # 021, Section C, of the previously-renewed permit (Condition # 018, Section C, of this permit).

(10) A requirement to take all reasonable actions to prevent PM from a source(s) specified in 25 Pa. Code § 123.1 from becoming airborne has been added as Condition # 017, Section C, of this permit.

(11) An additional authority citation to 25 Pa. Code § 127.35(b) has been added to each condition in Section D (under Source ID 203), of the previously-renewed permit (same location in this permit), that is based on an applicable condition found in 40 C.F.R. Part 63, Subpart T.

(12) The following for Condition # 005, Section D (under Source ID 203), of the previously-renewed permit (same condition in this permit):

(i) The requirements to monitor the amounts of TCE purchased for, added to, and recycled from the batch vapor degreaser have been reorganized as Sub-conditions (a)–(c), respectively.

(ii) The requirement to monitor the amount of TCE spent by the degreaser has been removed.

(13) The following for Condition # 008, Section D (under Source ID 203), of the previously-renewed permit (same condition in this permit):

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

(A) The requirements to maintain records of the amounts of TCE purchased for, recycled from, and spent by the batch vapor degreaser have been reorganized as Sub-conditions (a) and (c) and removed, respectively.

(B) Requirements to maintain records of the amounts of TCE purchased for and recycled from the degreaser on a 12-month rolling basis have been added.

(ii) The frequency of maintaining records of the amount of TCE added to the degreaser on an "annual basis" has been changed to a "12-month rolling basis."

(14) Condition # 012(b)–(c), Section D (under Source ID 203), of the previously-renewed permit, has been removed.

(15) Requirements to maintain records of and calculate the TCE emissions from the batch vapor degreaser have been added as

**SECTION G. Miscellaneous.**

Conditions # 014 and 033, Section D (under Source ID 203), of this permit, respectively.



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