



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: August 28, 2000 Effective Date: November 30, 2004
Revision Date: November 30, 2004 Expiration Date: October 1, 2005
Revision Type: Modification

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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

[TITLE V Permit No: 46-00016](#)

Federal Tax Id - Plant Code: 23-1525229-1

Owner Information

Name: HANDY & HARMAN TUBE CO INC
Mailing Address: 701 W TOWNSHIP LINE RD
NORRISTOWN, PA 19403-4603

Plant Information

Plant: HANDY & HARMAN TUBE / EAST NORRITON
Location: 46 Montgomery County 46926 East Norriton Township
SIC Code: 3317 Manufacturing - Steel Pipe And Tubes

Responsible Official

Name: THOMAS CURRAN
Title: VICE PRESIDENT
Phone: (610) 539 - 3900

Permit Contact Person

Name: MARK A SWEITZER
Title: ENVIRONMENTAL COMPLIANCE
Phone: (610) 539 - 3900

[Signature] _____
FRANCINE B CARLINI, SOUTHEAST REGION AIR PROGRAM MANAGER



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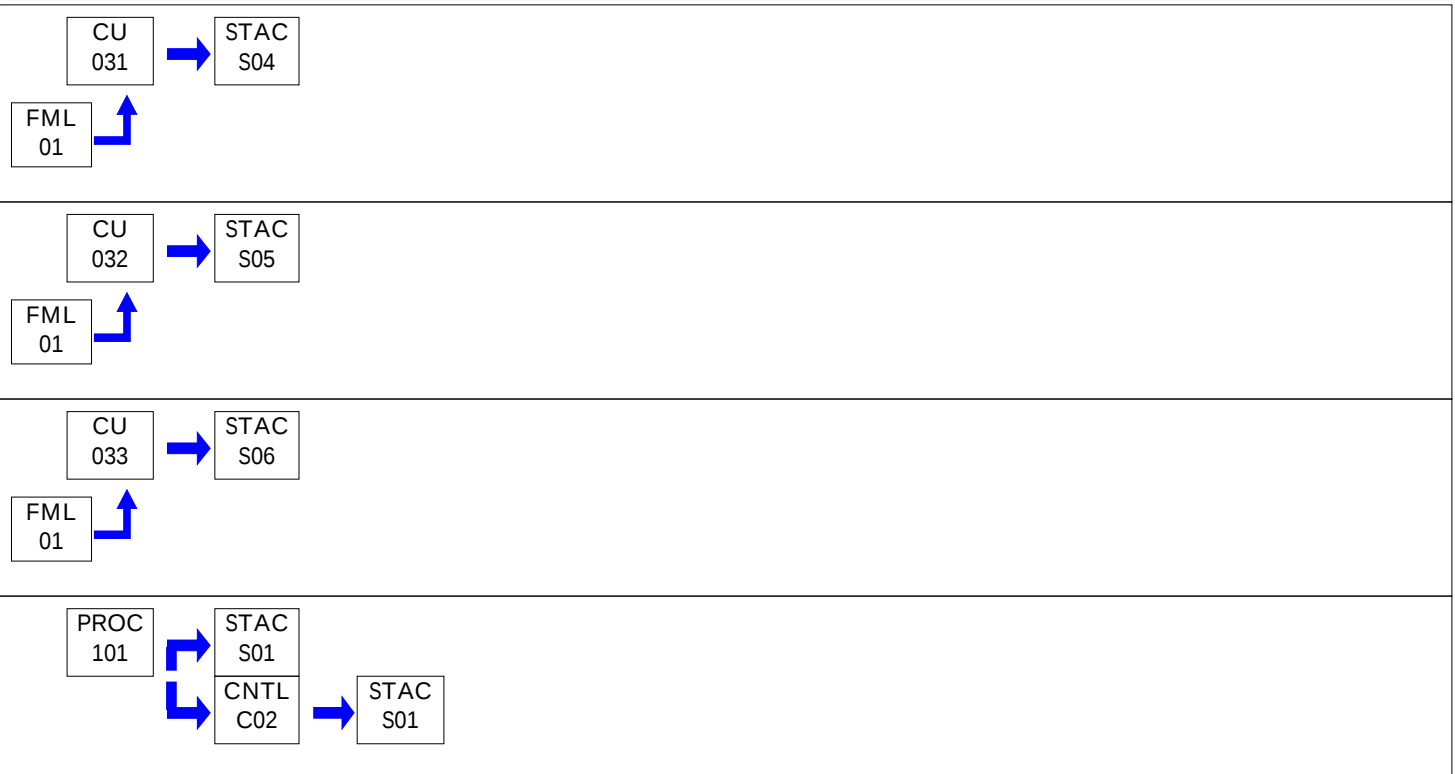
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	CLEAVERBROOKS BOILER#5103	5.30 MMBTU / HR	
		5.30 MCF / HR	Natural Gas
032	ORR & SEMBOWER UNIT #5102	4.20 MMBTU / HR	
		4.20 MCF / HR	Natural Gas
033	ORR & SEMBOWER UNIT #5101	4.20 MMBTU / HR	
		4.20 MCF / HR	Natural Gas
101	COMMERCIAL MILL DEGREASER	36.00 Lbs / HR	TCE
102	PUMP DEGREASER	0.40 Lbs / HR	TCE
103	ACID HOUSE DEGREASER	0.40 Lbs / HR	TCE
105	ANNEALING FURNACES (4)		
106	PICKLING TANKS (7)		
107A	CRYSTAL CLEAN DEGREASERS / WASHERS		
108	MISC. SOLVENT SOURCES		
109	MOBILE SOLVENT COLLECTION UNIT		
300	DE MINIMIS SOURCE		
C01	WET SCRUBBERS (2)	N / A	
C02	CARBON ADSORBER	N / A	
01	NATURAL GAS		
S01	COMMERCIAL MILL DEGREASER STACK		
S02	PUMP DEGREASER EMISSIONS		
S03	ACID HOUSE DEGREASER STACK		
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PERMIT MAPS





PROC
102



STAC
S02

PROC
103



STAC
S03

PROC
107A



STAC
S107A

**SECTION B. General Title V Requirements**

#001 [25 Pa. Code § 121.1]

Definitions

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

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

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

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

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

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

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

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

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

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

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

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

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

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

**SECTION B. General Title V Requirements**

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]

Inspection and Entry

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

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

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

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

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

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

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

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]

Compliance Requirements

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

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. 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 § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

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

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

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

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determine compliance with the permit.

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

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

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

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

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

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

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

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

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

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

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

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

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

**SECTION B. General Title V Requirements**

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

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

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

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

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

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

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code §



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127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

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

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

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

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

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

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

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

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

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

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

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

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

Air Enforcement Branch (3AP12)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other

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certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

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

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

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

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

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

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

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

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

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

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

SECTION B. General Title V Requirements

The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

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

#024 [25 Pa. Code § 127.513]

Compliance Certification

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

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

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance to the Department and EPA in accordance with the submission requirements specified in Condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

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

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

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release

**SECTION B. General Title V Requirements**

program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

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

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

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

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

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

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

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

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

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

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

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

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

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

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

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

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

SECTION B. General Title V Requirements

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

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

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

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

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

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

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

**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

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than 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) Sources, and classes of sources, other than those identified in (a) - (e) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive emissions from the source, after appropriate controls, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution; and
 - (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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002, of this Section, if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]

Limitations**{MALODOR EMISSIONS}**

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 §123.42]

Exceptions**{VISIBLE EMISSION EXCEPTIONS}**

The limitations of Condition #005, of this Section, shall not apply to a visible emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the sources specified in Condition #002, of this Section.

**SECTION C. Site Level Requirements**

006 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin, except when the open burning results 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 solely for cooking food.
- (d) A fire set solely for recreational or ceremonial purposes.
- (e) A fire set for the prevention and control of disease or pests, when approved by the Department.

II. TESTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

- (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 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, 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.

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511]

- (a) The permittee shall monitor the facility, once per operating day, for the following:
 - (1) Odors which may be objectionable.
 - (2) Visible Emissions.

**SECTION C. Site Level Requirements**

(3) Fugitive Particulate Matter.

(b) All detectable objectionable odors, that originated on-site and cross the property line, as well as fugitive particulate emissions that originated on-site and cross the property line, and visible emissions that originated on site shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) 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 for the next six month period.

(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, complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) Records of the monitoring and supporting data required by this Operating Permit shall be retained for a minimum of five (5) years.

(b) Within thirty (30) days after permit issuance, the permittee shall submit, to the Department for approval, the proposed recordkeeping formats required in subparagraph (a), above.

011 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

The permittee shall maintain a record of all reports of fugitive emissions, visible emissions and malodors which deviate from the terms and conditions of this permit. The report 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 to abate the deviation and prevent future occurrences.

V. REPORTING REQUIREMENTS.

012 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The report of the monitoring required by Condition #023(a)(1), of Section B, of this permit, shall be submitted to the Department, within six (6) months after final permit issuance, and, at a frequency of at least every six (6) months thereafter.

**SECTION C. Site Level Requirements**

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

- (a) The permittee shall, within two (2) hours of any occurrence, notify the Department, at (610) 832-6241, of any malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or regulation contained in 25 Pa. Code Article III.
- (b) Malfunction(s) which occur at this Title V facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.
- (c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:
- (1) The malfunction(s).
 - (2) The emission(s).
 - (3) The duration.
 - (4) Any corrective action taken.

014 [25 Pa. Code §135.21]

Emission statements

The permittee shall submit by March 1, of each year, an annual emission statement for the preceding calendar year.

015 [25 Pa. Code §135.3]

Reporting

The permittee shall submit by March 1, of each year, an Air Information Management System (AIMS) inventory report for the preceding calendar year.

VI. WORK PRACTICE REQUIREMENTS.

016 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #002, of this Section, 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, as approved by the Department, 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, as approved by the Department, 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.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

**SECTION C. Site Level Requirements**

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

- (a) The permittee may not modify any source identified in Section A, of this permit, prior to obtaining Department approval, except those modifications authorized by Condition #017(g), of Section B, of this permit.
- (b) If an unauthorized modification of any source occurs at this facility, then this permit shall be suspended and the source(s) shall not be operated until authorized by the Department.

018 [25 Pa. Code §127.441]
[Operating permit terms and conditions.](#)

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

The permittee shall immediately implement measures, including the installation of 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 Section A, of this 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.

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

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

The permittee shall ensure that the sources (and air pollution control devices), listed in Section A, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturers specifications.

VII. ADDITIONAL REQUIREMENTS.

020 [25 Pa. Code §127.441]
[Operating permit terms and conditions.](#)

The following previously issued Operating Permit(s) serve(s) as the basis for certain terms and conditions set forth in this Title V Permit:

OP-46-0016
46-323-001

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit on or before 10/01/2001 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #24 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: CLEAVERBROOKS BOILER#5103

Source Capacity / Throughput:

5.30 MMBTU / HR

5.30 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter for this boiler at any time, in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from this boiler at any time in excess of the rate of 1.0 pounds per million Btu of heat input.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.92]

The Volatile Organic Compounds (VOC) emissions shall not exceed three (3) pounds per hour, fifteen (15) pounds per day or 2.7 tons per year, whichever is more stringent, on a twelve (12) month rolling basis.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use only natural gas for this boiler.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a monthly basis:

(a) the amount of fuel usage, and

(b) the hours of operation.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.**

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

The permittee shall keep records of the following:

- (a) the amount of fuel used, and
- (b) the hours of operation

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications to determine compliance with Conditions #001 to #003.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: ORR & SEMBOWER UNIT #5102

Source Capacity / Throughput:

4.20 MMBTU / HR

4.20 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter for this boiler at any time, in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from this boiler at any time in excess of the rate of 1.0 pounds per million Btu of heat input.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.92]

The Volatile Organic Compounds (VOC) emissions shall not exceed three (3) pounds per hour, fifteen (15) pounds per day or 2.7 tons per year, whichever is more stringent, on a twelve (12) month rolling basis.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use only natural gas for this boiler.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a monthly basis:

(a) the amount of fuel usage, and

(b) the hours of operation.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.**

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

The permittee shall keep records of the following:

- (a) the amount of fuel used, and
- (b) the hours of operation

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications to determine compliance with Conditions #001 to #003.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: ORR & SEMBOWER UNIT #5101

Source Capacity / Throughput:

4.20 MMBTU / HR

4.20 MCF / HR

Natural Gas

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

001 [25 Pa. Code §123.11]

Combustion units

No person may permit the emission into the outdoor atmosphere of particulate matter for this boiler at any time, in excess of 0.4 pounds per million Btu of heat input.

002 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from this boiler at any time in excess of the rate of 1.0 pounds per million Btu of heat input.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.92]

The Volatile Organic Compounds (VOC) emissions shall not exceed three (3) pounds per hour, fifteen (15) pounds per day or 2.7 tons per year, whichever is more stringent, on a twelve (12) month rolling basis.

Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use only natural gas for this boiler.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a monthly basis:

(a) the amount of fuel usage, and

(b) the hours of operation.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.**

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

The permittee shall keep records of the following:

- (a) the amount of fuel used, and
- (b) the hours of operation

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications to determine compliance with Conditions #001 to #003.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

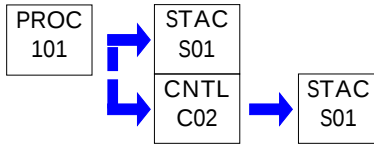
Source ID: 101

Source Name: COMMERCIAL MILL DEGREASER

Source Capacity / Throughput:

36.00 Lbs/HR

TCE



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Control Device Efficiencies Restriction(s).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards

The permittee shall comply with the MACT standards for halogenated solvent degreasers through the use of the following control combination of freeboard ratio of 1.0, or greater, refrigeration device and reduced room draft.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards

[Additional authority for this permit condition is also derived from
25 Pa. Code § 127.512]

[Compliance with the requirement in this streamlined permit condition assures compliance with the provisions found in applicable requirements of 25 Pa. Code § 129.63]

(1) The temperature of the freeboard refrigeration device, the cooling coils, shall not exceed 30 percent of the solvent's boiling point.

(2) For the reduced room draft, the permittee shall comply with the following:

(a) ensure that the flow or movement of air across the top of, or within, the freeboard area of the vapor degreaser shall not exceed 15.2 meters per minutes (50 feet per minute) at any time as measured using the monitoring requirements for this degreaser, and

(b) establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less.

(3) The freeboard ratio of the degreasr shall be 1.0 or greater.

II. TESTING REQUIREMENTS.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.465]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Test methods

(a) The permittee shall test for reduced room draft across the freeboard area or inside the machine to demonstrate compliance with the air flow limit, as stated in Condition #002(2)(a), for this degreaser.

(b) The wind speed shall be measured with an air velocity meter on each of the four corners of the degreaser, at a height of

**SECTION D. Source Level Requirements**

not more than six (6) inches above the freeboard area.

(c) Maximum values at each corner and an average value from all four corners shall be recorded.

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 § 129.92]

The permittee shall monitor the following:

- (a) the temperature of the vapor space at the cooling coil,
- (b) the temperature of the water in the cooling coil,
- (c) the amount of TCE(virgin or recycled) added to the degreaser, and
- (d) the amount of TCE removed from the degreaser.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

The permittee shall monitor the following, at the prescribed intervals:

- (a) the parameters to reduce room draft - weekly
- (b) the amount of trichloroethylene (TCE) added - monthly
- (c) hours of Operations - monthly.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

The permittee shall monitor the temperature of the freeboard refrigeration device using a thermometer or thermocouple to measure it at the center of the air blanket during the idling mode on a weekly basis.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

The permittee shall quarterly monitor the windspeed within six (6) inches above the top of the vapor degreaser by

- (a) determining the direction of the wind current,
- (b) orient a velometer in the direction of the wind current at the four corners of the degreaser,
- (c) record the reading for each corner,
- (d) average the values and record the average wind speed.

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

SECTION D. Source Level Requirements

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

The permittee shall maintain records of the following:

- (a) the temperature measurements of the vapor space at the cooling coil and the water in the cooling coil,
- (b) additions and deletions of TCE, and
- (c) the maintenance performed on the degreaser.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.467]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)
[Recordkeeping requirements](#)

The permittee shall maintain records of the following:

- (a) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment.
- (b) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.
- (3) Records of the halogenated HAP content for each solvent used.
- (4) Results of any control device monitoring required in Condition #004 to 007, for this degreaser, including the date and the results of the weekly measurements of carbon absorber emissions.
- (5) Records of any exceedances of emissions from required control devices and actions taken as required in Condition #011, of Section C.

V. REPORTING REQUIREMENTS.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)
[Reporting requirements](#)

The permittee shall submit annual reports from the previous calendar year (January through December) to the EPA concerning the amount of degreaser usage. These reports are due February 1, of the following year, and shall include the following information for control combinations and idling emissions:

- (a) A signed statement from a company official (owner or his designee) certifying that the degreaser operators have been properly trained, and can pass a written exam on its operation and respective control devices.
- (b) An estimate of the annual solvent consumption for this degreaser during the reporting period.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)
[Reporting requirements](#)

The permittee shall submit an exceedance report for this degreaser to the EPA Administrator on a semi-annual basis. The EPA has discretion to require more frequent reporting as necessary. These reports shall cover the calendar periods ending June, and December, of each year, shall be post marked within thirty (30) days of the end of the reporting period, and shall state, at a minimum, the following items:

- (a) Actions taken to maintain compliance, and
- (b) Exceedance and the associated corrective action.

**SECTION D. Source Level Requirements**

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]

Subpart T--National Emission Standards for Halogenated Solvent Cleaning Reporting requirements

The permittee should have submitted an Initial Certification of Compliance to the Environmental Protection Agency (EPA), concerning your compliance method, within one hundred and fifty (150) days of start-up, consisting of:

- (1) The name and address of the owner or operator.
- (2) The physical location of the degreaser.
- (3) A list of the control equipment used to achieve compliance for the degreaser.
- (4) For each control, a list of the parameters that are monitored and the results measured on or during the first month after the compliance date.
- (5) If applicable:
 - (i) steps taken to reduce room draft, and
 - (ii) the date and results of the weekly measurement of the halogenated solvent concentration in the carbon absorber exhaust.
- (6) If the idling emission standard is used for compliance, the following additional items must be addressed in the initial compliance:
 - (i) the results of the initial emission test using Method 307 of appendix A of 40 CFR 63 subpart T.
 - (ii) information of the monitoring frequency, and exceedance limits for any controls used to meet compliance.
 - (iii) certify that the initial emission test was performed on the exact model used at the facility.
 - (iv) if a third party performed the initial test, provide the name of person or company and the date of the initial test.

VI. WORK PRACTICE REQUIREMENTS.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]

Subpart T--National Emission Standards for Halogenated Solvent Cleaning Batch vapor and in-line cleaning machine standards

[Additional authority for this permit condition is also derived from 25 Pa. Code 129.63]

[Compliance with the requirement in this streamlined permit condition assures compliance with provisions found in applicable requirements of 25 Pa. Code § 129.63]

The permittee shall ensure that the batch vapor solvent cleaning machine conforms to the design requirements specified in paragraphs (a) through (g) below.

- (a) shall be designed or operated to meet the control equipment or technique requirements in paragraph (a)(i) or (a)(ii).
 - (i) An idling and downtime mode cover, that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.
 - (ii) A reduced room draft.
- (b) shall have a freeboard ratio of 1.0 or greater.
- (c) shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per



SECTION D. Source Level Requirements

minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.

(d) shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.

(e) shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

(f) shall have a primary condenser.

(g) that uses a lip exhaust shall be designed and operated to route all collected solvent vapors through a properly operated and maintained carbon adsorber.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards

(1) If the room draft conditions are not met, then the permittee shall determine if an exceedance has occurred using the criteria below:

(a) an exceedance has occurred if the requirements set forth in Condition #002 of this degreaser have not been met.

(b) an exceedance has occurred if the requirements set forth in Condition # 002 of this degreaser have not been met and are not corrected within fifteen (15) days of detection.

(2) If an exceedance has been determined, the permittee shall:

(a) make adjustments or repairs to the degreaser or control device to reestablish required levels.

(b) remeasure the parameter immediately upon adjustment or repair and demonstrate to be within required limits.

(3) The permittee shall report all exceedances and all corrections and adjustments made to avoid an exceedance as required under the Reporting requirements of this degreaser.

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards

The permittee shall meet all of the following required work and operational practices as applicable:

(1) Control air disturbances across the cleaning machine opening(s) by incorporating one of the following control equipment or techniques:

(i) Cover(s) to each solvent cleaning machine shall be in place during the idling mode, and during the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.

(ii) A reduced room draft.

(2) The parts baskets or the parts being cleaned in an open-top batch vapor cleaning machine shall not occupy more than 50 percent of the solvent / air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less.

(3) Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine).

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

SECTION D. Source Level Requirements

rotated before being removed from any solvent cleaning machine unless an equally effective approach has been approved by the EPA Administrator.

(5) Parts baskets or parts shall not be removed from any solvent cleaning machine until dripping has stopped.

(6) During startup of each vapor cleaning machine, the primary condenser shall be turned on before the sump heater.

(7) During shutdown of each vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.

(8) When solvent is added or drained from any solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.

(9) Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the Administrator's satisfaction to achieve the same or better results as those recommended by the manufacturer.

(10) Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in Appendix B of 40 CFR part 63 Subpart T if requested during an inspection by the EPA Administrator.

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

(12) Sponges, fabric, wood, and paper products shall not be cleaned.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: PUMP DEGREASER

Source Capacity / Throughput:

0.40 Lbs/HR

TCE

PROC
102STAC
S02**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 § 129.92]

The trichlorethylene (TCE) emissions from this source

- (1) shall not exceed 2.8 tons per year on a twelve (12) month rolling basis, and
- (2) shall not exceed ninety-six (96) pounds per hour at any time.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The permittee shall monitor the following at the prescribed intervals;

(a) all parameters necessary to determine the TCE emissions via mass balance equation, or any alternate method approved by the Department, which shall include but not limited to:

- (1) the volume of TCE entering and exiting the pump degreaser per production run,
- (2) the number of production runs
- (3) the time (hours) to complete each production run

(b) monthly TCE emissions

(c) three-month rolling average of TCE emissions

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from

**SECTION D. Source Level Requirements**

25 Pa. Code § 129.92]

The permittee shall maintain records of

- (a) monthly emission of TCE based on mass balance.
- (b) all data and calculation used to determine the TCE emissions.
- (c) the volume of TCE entering and exiting the pump Degreaser.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

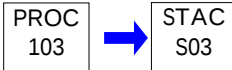
Source ID: 103

Source Name: ACID HOUSE DEGREASER

Source Capacity / Throughput:

0.40 Lbs/HR

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 § 129.92]

The trichloroethylene (TCE) emissions of this source shall not exceed 8.2 tons per year on a twelve month rolling basis.

Control Device Efficiencies Restriction(s).

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 127.512]

[Compliance with the requirement in this streamlined permit condition assures compliance with the provisions found in
applicable requirements of 25 Pa. Code §§ 129.63 and 129.92]

(1) The temperature of the freeboard refrigeration device, the cooling coils, shall not exceed 30 percent of the solvent's boiling point.

(2) A cover shall be in place during the idling mode and during the downtime mode.

(3) A freeboard ratio of 1.0 or greater.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]

[Subpart T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards](#)

The permittee shall comply with the MACT standards for halogenated solvent degreasers through the use of the following
control combination of freeboard ratio of 1.0, or greater, refrigeration device and working mode cover.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

**SECTION D. Source Level Requirements**

The permittee shall monitor the following:

- (a) the temperature of the vapor space at the cooling coil,
- (b) the temperature of the water in the cooling coil, and
- (c) the liquid flow through the degreaser.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

The permittee shall monitor the following monthly,

- (a) the amount of trichloroethylene (TCE) added, and
- (b) hours of operations.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

The permittee shall monitor the temperature of the freeboard refrigeration device using a thermometer or thermocouple to measure it at the center of the air blanket during the idling mode on a weekly basis.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.466]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.63]

The permittee shall conduct daily visual inspections on the cover of the degreaser to determine compliance with Conditions #001 through #003

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]
[Operating permit terms and conditions.](#)

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

The permittee shall maintain records of the following:

- (a) the temperature measurements of the vapor space at the cooling coil and the water in the cooling coil,
- (b) the flow measurement through the degreaser,
- (c) the maintenance performed on the degreaser.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.467]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning Recordkeeping requirements](#)

The permittee shall maintain records of the following:

- (a) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine

**SECTION D. Source Level Requirements**

and control equipment.

(b) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.

(3) Records of the halogenated HAP content for each solvent used.

(4) Results of any control device monitoring required in Condition #004 to 007, for this degreaser, including the date and the results of the weekly measurements of carbon absorber emissions.

(5) Records of any exceedances of emissions from required control devices and actions taken as required in Condition #011, of Section C.

V. REPORTING REQUIREMENTS.

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning Reporting requirements

The permittee should have submitted an Initial Certification of Compliance to the Environmental Protection Agency (EPA), concerning your compliance method, within one hundred and fifty (150) days of start-up, consisting of:

(1) The name and address of the owner or operator.

(2) The physical location of the degreaser.

(3) A list of the control equipment used to achieve compliance for the degreaser.

(4) For each control, a list of the parameters that are monitored and the results measured on or during the first month after the compliance date.

(5) If applicable:

(i) steps taken to reduce room draft, and

(ii) the date and results of the weekly measurement of the halogenated solvent concentration in the carbon absorber exhaust.

(6) If the idling emission standard is used for compliance, the following additional items must be addressed in the initial compliance:

(i) the results of the initial emission test using Method 307 of appendix A of 40 CFR 63 subpart T.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]
Subpart T--National Emission Standards for Halogenated Solvent Cleaning Reporting requirements

The permittee shall submit an exceedance report for this degreaser to the EPA Administrator on a semi-annual basis. The EPA has discretion to require more frequent reporting as necessary. These reports shall cover the calendar periods ending June, and December, of each year, shall be post marked within thirty (30) days of the end of the reporting period, and shall state, at a minimum, the following items:

(a) Actions taken to maintain compliance, and

(b) Exceedance and the associated corrective action.



SECTION D. Source Level Requirements

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.468]
 Subpart T--National Emission Standards for Halogenated Solvent Cleaning
 Reporting requirements

The permittee shall submit annual reports from the previous calendar year (January through December to the EPA concerning the amount of degreaser usage. These reports are due February 1, of the following year, and shall include the following information for control combinations and idling emissions:

(a) A signed statement from a company official (owner or his designee) certifying that the degreaser operators have been properly trained, and can pass a written exam on its operation and respective control devices.

(b) An estimate of the annual solvent consumption for this degreaser during the reporting period.

VI. WORK PRACTICE REQUIREMENTS.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
 Subpart T--National Emission Standards for Halogenated Solvent Cleaning
 Batch vapor and in-line cleaning machine standards

[Additional authority for this permit condition is also derived from
 25 Pa. Code 129.63]

[Compliance with the requirement in this streamlined permit condition assures compliance with provisions found in applicable requirements of 25 Pa. Code § 129.63]

The permittee shall ensure that the batch vapor solvent cleaning machine conforms to the design requirements specified in paragraphs (a) through (g) below.

(a) shall be designed or operated to meet the control equipment or technique requirements in paragraph (a)(i) or (a)(ii).

(i) An idling and downtime mode cover, that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.

(ii) A reduced room draft.

(b) shall have a freeboard ratio of 1.0 or greater.

(c) shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.

(d) shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.

(e) shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

(f) shall have a primary condenser.

(g) that uses a lip exhaust shall be designed and operated to route all collected solvent vapors through a properly operated and maintained carbon adsorber.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
 Subpart T--National Emission Standards for Halogenated Solvent Cleaning
 Batch vapor and in-line cleaning machine standards

The permittee shall meet all of the following required work and operational practices as applicable:

**SECTION D. Source Level Requirements**

(1) Control air disturbances across the cleaning machine opening(s) by incorporating one of the following control equipment or techniques:

(i) Cover(s) to each solvent cleaning machine shall be in place during the idling mode, and during the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.

(ii) A reduced room draft.

(2) The parts baskets or the parts being cleaned in an open-top batch vapor cleaning machine shall not occupy more than 50 percent of the solvent / air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less.

(3) Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine).

(4) Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from any solvent cleaning machine unless an equally effective approach has been approved by the EPA Administrator.

(5) Parts baskets or parts shall not be removed from any solvent cleaning machine until dripping has stopped.

(6) During startup of each vapor cleaning machine, the primary condenser shall be turned on before the sump heater.

(7) During shutdown of each vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.

(8) When solvent is added or drained from any solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.

(9) Each solvent cleaning machine and associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the Administrator's satisfaction to achieve the same or better results as those recommended by the manufacturer.

(10) Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in Appendix B of 40 CFR part 63 Subpart T if requested during an inspection by the EPA Administrator.

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

(12) Sponges, fabric, wood, and paper products shall not be cleaned.

015 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.463]
[Subpart T--National Emission Standards for Halogenated Solvent Cleaning](#)
[Batch vapor and in-line cleaning machine standards](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code 129.63]

The permittee shall ensure that

(a) the cover opens only for part entrance and removal and completely covers the cleaning machine openings when closed,

(b) the cover is maintained free of cracks, holes, and other defects, and

**SECTION D. Source Level Requirements**

(c) the cover is in place whenever parts are not in the degreaser.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: ANNEALING FURNACES (4)

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The Volatile Organic Compound (VOC) emission rates of the four (4) annealing furnaces shall be no greater than three (3) pounds per hour, fifteen (15) pounds per day and 2.7 tons per year whichever is more stringent.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The permittee shall maintain any data or information required to determine compliance with the emission limitation and make it available to the Department upon request.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The permittee shall maintain records showing the following:

- (a) the calculation methods used maintain compliance, and
- (b) the VOC emissions from the four annealing furnaces.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall operate and maintain these annealing furnaces in accordance with good air pollution control practices to comply with the limitations set forth in Condition #001.



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 106

Source Name: PICKLING TANKS (7)

Source Capacity / Throughput:

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

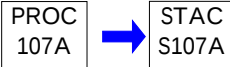
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 107A

Source Name: CRYSTAL CLEAN DEGREASERS/WASHERS

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The aggregated Volatile Organic Compound (VOC) emissions from the Crystal Clean parts washers or equivalent units shall not exceed 3.2 tons per year on a twelve (12) month rolling basis

002 [25 Pa. Code §129.63]

Degreasing operations

Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

003 [25 Pa. Code §129.63]

Degreasing operations

The permittee may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall monitor the amount of solvent used monthly.

(b) The permittee shall calculate the total VOC emissions on a monthly basis as well as on a twelve (12) month rolling sum to show compliance with the VOC emission limit.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of:

(a) the amount of solvent used monthly

(b) the total VOC emissions on a monthly basis as well as on a twelve (12) month rolling sum.

006 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall obtain from the person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine, the following written information:

**SECTION D. Source Level Requirements**

- (i) The name and address of the solvent supplier.
- (ii) The type of solvent including the product or vendor identification number.
- (iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

007 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall maintain and provide to the Department, on request, the following:

- (a) the information requested from the supplier,
- (b) an invoice, bill of sale, or certificate that corresponds to a number of sales,
- (c) Material Safety Data Sheet (MSDS), or
- (d) other appropriate documentation acceptable to the Department.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall

- (a) use Crystal Clean 140+ solvent material or equivalent solvent, as approved by the Department, and
- (b) service the Crystal Clean degreasers, or equivalent units, by Crystal Clean or equivalent qualified service representatives.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department shall be notified if the existing solvent material is replaced and that the replacement solvent must be equivalent in physical and chemical composition, including vapor pressure, to the existing solvent material.

010 [25 Pa. Code §129.63]

Degreasing operations

(a) Cold cleaning machines shall be operated in accordance with the following procedures:

- (i) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (ii) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.
- (iv) Air agitated solvent baths may not be used.

**SECTION D. Source Level Requirements**

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

(b) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (a) above. In addition, the label shall include the following discretionary good operating practices:

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

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

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

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]
[Operating permit terms and conditions.](#)

The Source 107A consists of seven (7) Crystal Clean or equivalent degreasers / parts washers located throughout the facility.

012 [25 Pa. Code §129.63]
[Degreasing operations](#)

Except for those cold cleaning machines subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), 25 Pa. Code Section 129.63(a) applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 108

Source Name: MISC. SOLVENT SOURCES

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The aggregated Volatile Organic Compounds (VOC) from the sources listed in Condition #005 shall not exceed 8.34 tons per year on a twelve month rolling basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The permittee shall

- (a) maintain monthly inventories of the each solvent used, and
- (b) maintain any data or information required

to determine compliance with Condition #001 and make it available to the Department upon request.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

The permittee shall maintain records showing the following:

- (a) the monthly inventories of the each solvent used,
- (b) the calculation methods used to maintain compliance, and
- (c) the monthly summation of the twelve month rolling average of the VOC emissions.

V. REPORTING REQUIREMENTS.

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

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

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

(a) The sources listed in Condition #005 shall be operated and maintained in accordance with good air pollution control practices.

(b) The practices shall include, but not limited to the following:

- (1) Good housekeeping procedures for storage, use, and disposal of solvents.
- (2) Solvent use records for each area where solvents are used.
- (3) Employee training detailing good work practices to control solvent usage for minimizing emissions.
- (4) Periodic inspection of product and cleaning activities.
- (5) Lidded solvent containers when not in use.

VII. ADDITIONAL 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 § 129.92]

The Misc. Solvent Storage source consist of the following sources which are located on the production lines throughout the facility.

- (a) Waste storage area,
- (b) receiving area,
- (c) lubricant storage area,
- (d) Swabbing stations (Large, small and naphtha),
- (e) Totes - naphtha, mineral spirits,
- (f) Acetone Drums

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

**SECTION D. Source Level Requirements**

Source ID: 109

Source Name: MOBILE SOLVENT COLLECTION UNIT

Source Capacity / Throughput:

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following at the prescribed intervals;

(a) all parameters necessary to determine the TCE emissions via mass balance equation, or any alternate method approved by the Department, which shall include but not limited to:

(1) the volume of TCE entering and exiting the mobile unit per production run,

(2) The number of production runs

(3) the time (hours) to complete each production run

(b) monthly TCE emission.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of

(a) monthly emission of TCE based on mass balance.

(b) all data and calculation used to determine the TCE emissions.

(c) the volume of TCE entering and exiting the mobile unit.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 300

Source Name: DE MINIMIS SOURCE

Source Capacity / Throughput:

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

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

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

The total Volatile Organic Compound (VOC) emission rates of the de minimis sources shall be no greater than three (3) pounds per hour, fifteen (15) pounds per day and 2.7 tons per year whichever is more stringent.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.92]

The permittee shall maintain any data or informations required to determine compliance with Condition #001 and make it available to the Department upon request.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from 25 Pa. Code 129.92]

The permittee shall maintain records showing the following:

- (a) the calculation methods used to maintain compliance, and
- (b) the VOC emissions from each sources.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

**SECTION D. Source Level Requirements**

The following sources belong to Source #300 for this facility;

- (1) TCE Storage Tanks (2600 gallon and 3000 gallon)
- (2) Gasoline Tank
- (3) Fuel Oil Tank
- (4) Air Stripper
- (5) Corrosion Inhibitor Dip Tank
- (6) Bulk TCE Filling Station
- (7) TCE Swabbing Stations
- (8) Commercial Mill Still
- (9) Printing Operations.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: C01

Source Name: WET SCRUBBERS (2)

Source Capacity / Throughput:

N / A

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 127.512]

The permittee shall continuously monitor the pH of the scrubber water using a pH meter.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 127.512]

The permittee shall keep daily records of the pH of the scrubber water.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit condition is also derived from
25 Pa. Code § 127.512]

(a) The scrubbers shall be equipped with a pH controller to maintain the pH of the scrubbing liquid at or above 10.

(b) A pH alarm system shall be installed by the company to ensure the acid removal efficiency of the scrubber on both units.

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: C02

Source Name: CARBON ADSORBER

Source Capacity / Throughput:

N / A

I. RESTRICTIONS.**Control Device Efficiencies 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 § 129.92]

The reduction of potential TCE emissions from the pump degreaser by the control equipment shall be a minimum of 90%.

(b) The overall TCE control efficiency of the system shall be minimum of 90%.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from
25 Pa. Code § 129.92]

(a) The TCE emissions vapors from the following sources shall be directed to the carbon adsorption system prior to discharge to the atmosphere

- 1) Pump Degreaser
- 2) Swabbing Station - large

(b) The carbon adsorber shall only be bypassed to the adjacent commercial mill degreaser and not to the atmosphere.

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.



SECTION D. Source Level Requirements

[Additional authority for this permit condition is also derived from
25 PA. Code § 129.92]

The carbon adsorption system consists of two (2) activated carbon vessels. The carbon adsorber is equipped with a flame ionizing detection (FID) unit which measures TCE concentrations on the inlet and outlet sides of the adsorber.

*** Permit Shield in Effect. ***



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION F. Emission Restriction Summary.

Dep Id	Source Description																
031	CLEAVERBROOKS BOILER#5103																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400</td><td>Lbs / MMBTU</td><td></td><td>P000</td></tr><tr><td>1.000</td><td>Lbs / MMBTU</td><td></td><td>SOX</td></tr><tr><td>2.700</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	0.400	Lbs / MMBTU		P000	1.000	Lbs / MMBTU		SOX	2.700	Tons / Yr	12 month rolling basis	VOC
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0.400	Lbs / MMBTU		P000														
1.000	Lbs / MMBTU		SOX														
2.700	Tons / Yr	12 month rolling basis	VOC														
032	ORR & SEMBOWER UNIT #5102																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>0.400</td><td>Lbs / MMBTU</td><td></td><td>P000</td></tr><tr><td>1.000</td><td>Lbs / MMBTU</td><td></td><td>SOX</td></tr><tr><td>2.700</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	0.400	Lbs / MMBTU		P000	1.000	Lbs / MMBTU		SOX	2.700	Tons / Yr	12 month rolling basis	VOC
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033	ORR & SEMBOWER UNIT #5101																
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0.400	Lbs / MMBTU		P000														
1.000	Lbs / MMBTU		SOX														
2.700	Tons / Yr	12 month rolling basis	VOC														
102	PUMP DEGREASER																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>2.800</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>T182</td></tr><tr><td>96.000</td><td>Lbs / Hr</td><td>Any time</td><td>T182</td></tr></table>		Emission Limit			Pollutant	2.800	Tons / Yr	12 month rolling basis	T182	96.000	Lbs / Hr	Any time	T182				
Emission Limit			Pollutant														
2.800	Tons / Yr	12 month rolling basis	T182														
96.000	Lbs / Hr	Any time	T182														
105	ANNEALING FURNACES (4)																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>2.700</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	2.700	Tons / Yr	12 month rolling basis	VOC								
Emission Limit			Pollutant														
2.700	Tons / Yr	12 month rolling basis	VOC														
107A	CRYSTAL CLEAN DEGREASERS / WASHERS																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>3.200</td><td>Tons / Yr</td><td>Twelve month rolling sum.</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	3.200	Tons / Yr	Twelve month rolling sum.	VOC								
Emission Limit			Pollutant														
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108	MISC. SOLVENT SOURCES																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>8.340</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	8.340	Tons / Yr	12 month rolling basis	VOC								
Emission Limit			Pollutant														
8.340	Tons / Yr	12 month rolling basis	VOC														
300	DE MINIMIS SOURCE																
<table><tr><th colspan="3">Emission Limit</th><th>Pollutant</th></tr><tr><td>2.700</td><td>Tons / Yr</td><td>12 month rolling basis</td><td>VOC</td></tr></table>		Emission Limit			Pollutant	2.700	Tons / Yr	12 month rolling basis	VOC								
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Site Emission Restriction Summary

Emission Limit	Pollutant
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**SECTION G. Miscellaneous.**

The following previously issued Operating Permit(s) serve(s) as the basis for certain terms and conditions set forth in this Permit: OP 46-0016

APS: 345535 AUTH: 574530
Minor Modification

Source 107, Safety Kleen Degreasers/ Parts Washers, was replaced by Crystal Clean Degreasers. Parts Washers. There is no emission increase and the solvents have identical physical properties. 25 Pa. Code Section 129.63(a) was added to Source 107A.



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