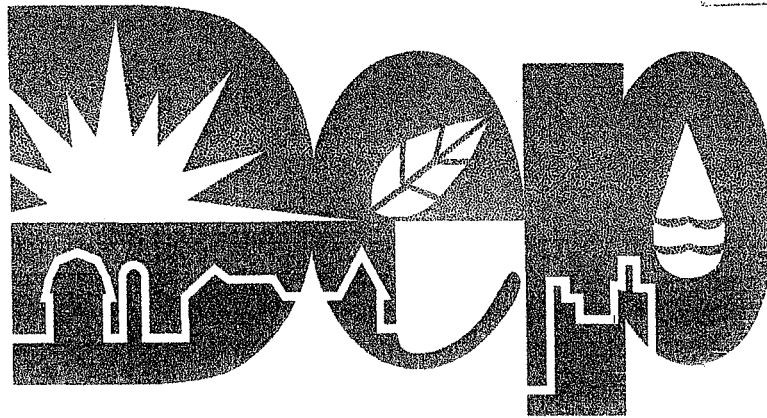
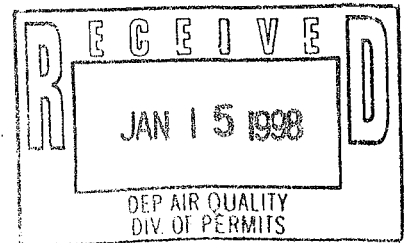




**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
NORTHWEST REGION**

TITLE V OPERATING PERMIT

**Channellock Inc. - Facility #2
TV 20-00082**

Based upon Pennsylvania's Operating Permit Program
25 Pa. Code Chapter 127
Effective November 25, 1994

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

TITLE V OPERATING PERMIT

ISSUE DATE: 09-JAN-98
EXPIRATION DATE: 31-JAN-03

EFFECTIVE DATE: 31-JAN-98

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, land 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 the site inventory list. 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.

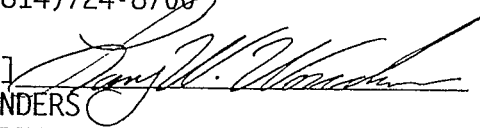
TITLE V PERMIT NO: 20-00082
TAX-ID/PLANT CODE 25-0399850/01

OWNER CHANNELLOCK INC
MAILING 1306 S MAIN ST
ADDRESS MEADVILLE, PA. 16335

PLANT FACILITY #2
LOCATION 20 Crawford County 20945 Vernon Twp
SIC CODE 3423 Manufacturing - Hand And Edge Tools, Nec

RESPONSIBLE OFFICIAL
NAME JIM STIMPSON
TITLE SEC/TREAS.

PERMIT CONTACT PERSON
NAME JIM STIMPSON
TITLE SEC/TREAS.
PHONE (814)724-8700

[SIGNATURE] 
LARRY W WONDERS
NORTHWEST REGION AIR PROGRAM MANAGER

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

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SECTION A. Site Inventory List

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ID	Source Name	Capacity	Fuel/Material
031	MISC. COMBUSTION SOURCES		
I-1	INCINERATOR	200.0 LB/HR	MUNICIPAL WASTE
P-1	POLISHING LINES & RUST PREVENTATIV	1.3 Tons/HR	STEEL POLISHED
		7.5 Lbs/HR	RUST PREVENTATIVE
P-2.1	PRIMER COATING DEPT	1.1 Gal/HR	PRIMER+REDUCER MI
P-2.2	DEGREASING DEPT.	22.0 Lbs/HR	CH2CL2
P-3	PLASTISOL COATING LINE	57.0 Lbs/HR	PLASTISOL
P-4	SOLVENT LOADING/UNLOADING & MISC LE	2.5 Gal/HR	
		2.5 Gal/HR	
		2.5 Gal/HR	
CD-2	VAPOR RECOVERY UNIT		
CD1-1	BAGHOUSE 06-023		
CD1-2	BAGHOUSE 06-070		
CD1-3	BAGHOUSE 06-024		
CD1-4	BAGHOUSE 06-040		
CD1-5	BAGHOUSE 06-048		
SF1	INCINERATOR STACK		
SF2.1	PLASTISOL COATING		
SF2.2	PLASTISOL COATING		
SF2.3	PLASTISOL COATING		
SF2.4	PLASTISOL COATING		
SF2.5	PLASTISOL COATING		
SF2.6	PLASTISOL COATING		
SF3.1	PRIMER APPLIC. EXHST		
SF3.2	SVRM EXHAUST		
SF4-1	BAGHOUSE EXHAUST		
SF4-2	BAGHOUSE EXHAUST		
SF4-3	BAGHOUSE EXHAUST		
SF4-4	BAGHOUSE EXHAUST		
SF4-5	BAGHOUSE EXHAUST		
Z-1	STORAGE TANK STACK		

Inci EP
I-1 -->SF1

Proc CD EP
P-1 -->CD1-1-->SF4-1

 | CD EP
 |-->CD1-2-->SF4-2

 | CD EP
 |-->CD1-3-->SF4-3

 | CD EP
 |-->CD1-4-->SF4-4

 | CD EP
 |-->CD1-5-->SF4-5

Proc EP
P-2.1-->SF3.1

Proc CD EP
P-2.2-->CD-2 -->SF3.2

Proc EP
P-3 -->SF2.1

 | EP
 |-->SF2.2

 | EP
 |-->SF2.3

 | EP
 |-->SF2.4

 | EP
 |-->SF2.5

 | EP
 |-->SF2.6

Proc EP
P-4 -->Z-1

#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 permit is issued for a fixed term of 5 years. 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) The permittee shall submit a complete application for renewal of the Title V permit at least 6 months and not more than 18 months before the expiration date of this permit. The permittee shall submit to the Department's Regional Air Program Manager a timely and complete application.

(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 supplemental compliance review forms 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 promptly submit such supplementary facts or corrected information. 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.

#006 [25 Pa. Code §127.513 & 35 P.S. §4008]
Inspection and Entry

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department 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 or regulations adopted thereunder.

(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 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 are identified in the application for the plan approval and operating permit and the plan approval issued for 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 this condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details.

#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 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 §§127.512(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 3 or more years prior to the expiration date of this permit. The permit revision shall be completed within 18 months after promulgation of the applicable requirement. 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. Excess emissions offset plans for an affected source shall be incorporated into the permit upon approval by the Administrator of EPA.

(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.

#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 admendments, 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

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

#014 [25 Pa. Code §127.450]

Administrative Operating Permit Modifications

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.

#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 per centum (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 was required to be 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 facilities which are exempted from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§127.14(b) & 127.449]
Authorization for De Minimis Emissions Increases

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

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

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

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

(b) Except as provided below in (c), 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:

(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) The permittee is authorized to install the following minor sources:

(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, liquified 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.

(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.

(e) 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) 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 25 Pa. Code § 127.449 and installation of minor sources made pursuant to this permit condition and 25 Pa. Code § 127.14, the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval.

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

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

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 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.

#019 [25 Pa. Code §§121.9 & 127.216]
Circumvention

(a) The permittee may not circumvent the plan approval requirements of 25 Pa. Code Chapter 127 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:

Enforcement Programs Section (3AT13)
United States Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d).

(d) A responsible official of the facility shall certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate, and complete.

#021 [25 Pa. Code §127.441(c) & Chapter 139; §§114(a)(3), 504(b) of the CAA]
Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform all applicable emissions monitoring and analysis procedures or test methods, including procedures and methods under Sections 114(a)(3) or 504(b) of the Clean Air Act.

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

(c) Unless alternative methodology is required by the Clean Air Act and

regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

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

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

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

(b) The permittee shall retain records of 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 §§127.442, 127.511(c) & 127.513]
Reporting Requirements

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139. Pursuant to 25 Pa. Code § 127.511(c), the reporting requirements for the Title V facility shall include the following:

(1) Submittal of reports of required monitoring at least every six months. The reports shall include instances of deviations from the requirements of this Title V permit.

(2) Reporting of deviations from permit requirements within the timeframes required by this permit. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventive 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.

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

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

(d) Any records, reports or information submitted to the Department shall be available to the public except for such records, reports or information which meet the confidentiality requirements of Section 4013.2 of the Air Pollution Control Act and Sections 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code §127.513]
Compliance Certification

(a) Within one year from the date of issuance of the Title V permit and each year thereafter, the permittee shall submit to the Department and EPA Region III a certification of compliance with each term and condition of this permit 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) A description of the means used to monitor compliance with the emission limitations, standards and work practices, consistent with 25 Pa. Code Article III.

(3) The compliance status.

(4) The methods used for determining the compliance status of the source, currently and over the reporting period.

(5) Whether compliance was continuous or intermittent.

(6) All other facts that the Department may ask be reported to determine the compliance status of a source.

(b) The compliance certification shall be submitted to the Department and EPA in accordance with the submission requirements specified in permit 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 program consistent with requirements of the Clean Air Act and 40 CFR Part 68 (relating to chemical accident prevention provisions).

(b) When a regulated substance listed in 40 CFR § 68.130 is present in a process at the Title V facility in more than the listed threshold quantity, the permittee shall prepare and implement a risk management plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68.

(1) The permittee shall submit the first RMP to the Department and EPA no later than the latest of the following:

(i) June 21, 1999;

(ii) Three years after the date on which a regulated substance is first listed under § 68.130; or

(iii) 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 and guidance developed by EPA, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, and 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 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) The permittee shall maintain records supporting the implementation of an accidental release program for five 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 certify 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]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements 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.

(2) The Department specifically identifies in the permit other

requirements that are not applicable to the permitted facility.

(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 administrative amendments, minor and significant permit modifications, and operational flexibility changes shall be covered by the permit shield provided such amendments, modifications and changes 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.

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

#002 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in section C condition #001 (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

#003 [25 Pa. Code §123.31]

Limitations

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

#004 [25 Pa. Code §123.41]

Limitations

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

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

#005 [25 Pa. Code §123.42]

Exceptions

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in section C, Condition # 001

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

#006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall conduct daily monitoring of the plant property while the facility is in operation, for the presence of fugitive and visible emissions and malodors.

(b) All detected fugitive and visible emissions and malodors shall be reported to the shift supervisor.

IV. RECORDKEEPING REQUIREMENTS.

#007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain a record of all reports of fugitive or visible emissions and malodors and the corrective action taken to abate or prevent future occurrences.

V. REPORTING REQUIREMENTS.

#008 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall include all reports of fugitive and visible emissions and malodors, the cause of the emissions or malodors, and the corrective actions taken by the permittee in the semi-annual report required by Section B, Condition #025.

VI. WORK PRACTICE STANDARDS.

#009 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Section C Condition #001, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

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

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

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

VII. ADDITIONAL REQUIREMENTS.

#010 [25 Pa. Code §129.14]

Open burning operations

(a) No person may permit the open burning of material in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: These requirements do not apply where the open burning operations result from:

(1) 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.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(5) A fire set for the purpose of burning domestic refuse, when the

fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of such structure.

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit on or before 01/31/1999 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. *****

Source ID: 031
Source Name: MISC. COMBUSTION SOURCES

SOURCE CAPACITY:

Comb
031

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use only natural gas as a fuel for this source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

***** PERMIT SHIELD IN EFFECT. *****

Source ID: I-1
Source Name: INCINERATOR

SOURCE CAPACITY: 200.0 LB/HR MUNICIPAL WASTE

Inci EP
I-1 -->SF1

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.12]

Incinerators

No person may permit the emission to the outdoor atmosphere of particulate matter from any incinerator, at any time, in such a manner that the particulate matter concentration in the effluent gas exceeds 0.1 grain per dry standard cubic foot, corrected to 12% carbon dioxide.

II. TESTING REQUIREMENTS.

#002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Department reserves the right to require testing of the exhaust stack of the incinerator to demonstrate compliance with the emission limitation in Condition #001, above.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

#003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record the type and amount of material burned in the incinerator and the hours of operation of the incinerator.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall operate and maintain the incinerator in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

*** **PERMIT SHIELD IN EFFECT.** ***

Source ID: P-1

Source Name: POLISHING LINES & RUST PREVENTATIVE

SOURCE CAPACITY:

1.3 Tons/HR STEEL POLISHED
7.5 Lbs/HR RUST PREVENTATIVE

Proc	CD	EP
P-1	-->CD1-1-->	SF4-1
	CD	EP
	-->CD1-2-->	SF4-2
	CD	EP
	-->CD1-3-->	SF4-3
	CD	EP
	-->CD1-4-->	SF4-4
	CD	EP
	-->CD1-5-->	SF4-5

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall operate and maintain this source and air pollution control equipment in accordance with the manufacturer's specifications and in accordance with good air pollution control practices at all times when the source is operating.

VII. ADDITIONAL REQUIREMENTS.

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

***** PERMIT SHIELD IN EFFECT. *****

Source ID: P-2.1

Source Name: PRIMER COATING DEPT

SOURCE CAPACITY:

1.1 Gal/HR PRIMER+REDUCER MI

Proc EP
P-2.1-->SF3.1

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §129.52]

Surface coating processes

A person may not cause or permit the emission into the outdoor atmosphere of VOCs from the surface coating of miscellaneous metal parts and products unless the weight of VOCs per gallon of coating (minus water) is equal to or less than 3.5 pounds per gallon after adjustment to a standard solvent density of 7.36 pounds per gallon and to a solids basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

#002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

All shipments of surface coating arriving at this facility shall contain a certification of the VOC content of each coating. The certification must ensure that the VOC content was determined in accordance with 40 CFR Part 60, Appendix A - Reference Method 24. The permittee shall retain these certifications for a period of five (5) years.

#003 [25 Pa. Code §129.52]

Surface coating processes

The Permittee shall maintain records sufficient to demonstrate compliance with this section. At a minimum, the permittee shall maintain daily records of the gallons of coating used, the coating density before and after addition of diluents, the gallons of diluents used and the density of the diluents, the gallons of water contained in the coating and the weight percent of the organic volatiles in the coating.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

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

VII. ADDITIONAL REQUIREMENTS.

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

***** PERMIT SHIELD IN EFFECT. *****

Source ID: P-2.2

Source Name: DEGREASING DEPT.

SOURCE CAPACITY:

22.0 Lbs/HR CH₂CL₂

Proc CD EP
P-2.2-->CD-2 -->SF3.2

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

#001 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Ca Subpart T--National Emission Standards for Halogenated Solvent Cleaning

Test methods

(a) The owner or operator shall determine the appropriate dwell time for each part or parts basket using the procedure specified below:

(1) Determine the amount of time for the part or parts basket to cease dripping once placed in the vapor zone. The part or parts basket used for this determination must be at room temperature before being placed in the vapor zone.

(2) The proper dwell time for parts to remain in the freeboard area above the vapor zone is no less than 35 percent of the time determined in paragraph (a)(1), above.

(b) An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in paragraphs (b)(1) through (b)(3) of this condition. A facility's total potential to emit is the sum of the HAP emissions from all solvent cleaning operations, plus all HAP emissions from other sources within the facility.

(1) Determine the potential to emit for each individual solvent cleaning using equation 6.

$$PTE_i = H_i X W_i X S A_i \quad (6)$$

Where:

PTE_i = the potential to emit for solvent cleaning machine i (kilograms of solvent per year).

H_i = hours of operation for solvent cleaning machine i (hours per year).

= 8760 hours per year, unless otherwise restricted by a Federally enforceable requirement.

W_i = the working mode uncontrolled emission rate (kilograms per square meter per hour).

= 1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines.

= 1.12 kilograms per square meter per hour for in-line cleaning machines.

SAI_i = solvent/air interface area of solvent cleaning machine i (square meters). 63.461 defines the solvent/air interface area for those machines that have a solvent/air interface. Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using the procedure in paragraph (e)(2) of this section.

(2) Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using equation 7.

$$SAI = 2.20 * (Vol)^{0.6} \quad (7)$$

Where:

SAI = the solvent/air interface area (square meters).

Vol = the cleaning capacity of the solvent cleaning machine (cubic meters).

(3) Sum the PTE_i for all solvent cleaning operations to obtain the total potential to emit for solvent cleaning operations at the facility.

III. MONITORING REQUIREMENTS.

#002 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category 1--National Emission Standards for Halogenated Solvent Cleaning Monitoring procedures]

(a) The owner or operator shall conduct monitoring and record the results on a monthly basis for the control devices, as appropriate, specified in paragraph (a)(1) of this condition.

(1) If a dwell is used, the owner or operator shall determine the actual dwell time by measuring the period of time that parts are held within the freeboard area of the solvent cleaning machine after cleaning.

(b) The owner or operator of an in-line solvent cleaning machine complying with the equipment standards in Condition #006 using a reduced room draft shall conduct monitoring and record the results as specified in paragraph (b)(1) of this condition.

(1) If an enclosure (full or partial) is used to achieve a reduced room draft, the owner or operator shall conduct an initial monitoring test and, thereafter, monthly monitoring tests of the windspeed within the enclosure using the procedure specified in paragraphs (b)(1)(i) and (b)(1)(ii) of this section and a monthly visual inspection of the enclosure to determine if it is free of cracks, holes and other defects.

(i) Determine the direction of the wind current in the enclosure by slowly rotating a velometer inside the entrance to the enclosure until the maximum speed is located.

(ii) Record the maximum wind speed.

(c) The owner or operator using a carbon adsorber to comply with this subpart shall measure and record the concentration of halogenated HAP solvent in the exhaust of the carbon adsorber weekly with a colorimetric detector tube. This test shall be conducted while the solvent cleaning machine is in the working mode and is venting to the carbon adsorber. The exhaust concentration shall be determined using the procedure specified in paragraphs (c)(1) through (c)(3) of this condition.

(1) Use a colorimetric detector tube designed to measure a concentration of 100 parts per million by volume of solvent in air to an accuracy of 25 parts per million by volume.

(2) Use the colorimetric detector tube according to the manufacturer's instructions.

(3) Provide a sampling port for monitoring within the exhaust outlet of the carbon adsorber that is easily accessible and located at least 8 stack or duct diameters downstream from any flow disturbance such as a bend, expansion, contraction, or outlet; downstream from no other inlet; and 2 stack or duct diameters upstream from any flow disturbance such as a bend, expansion, contraction, inlet or outlet.

(d) Each owner or operator using a control device listed in paragraphs (a) through (c) of this section can use alternative monitoring procedures approved by the Administrator.

IV. RECORDKEEPING REQUIREMENTS.

#003 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category T--National Emission Standards for Halogenated Solvent Cleaning]

Recordkeeping requirements

(a) The owner or operator shall maintain records in written or electronic form specified in paragraphs (a)(1) through (a)(5) of this section for the lifetime of the machine.

(1) Owner's manuals, or if not available, written maintenance and operating procedures, for the solvent cleaning machine and control equipment.

(2) 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) If a dwell is used to comply with these standards, records of the tests required in Condition #001 to determine an appropriate dwell time for each part or parts basket.

(4) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to 40 CFR Part 63, Subpart T.

(b) The owner or operator shall maintain records specified in paragraphs (b)(1) through (b)(4) of this condition either in electronic or written form for a period of 5 years.

(1) The results of control device monitoring required under Condition #002(a), 002(b), and 002(c).

(2) Information on the actions taken to comply with Condition #005(b). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

(3) Estimates of annual solvent consumption for each solvent cleaning machine.

(4) If a carbon adsorber is used to comply with these standards, records of the date and results of the weekly measurement of the

halogenated HAP solvent concentration in the carbon adsorber exhaust required in Condition #002(c).

V. REPORTING REQUIREMENTS.

#004 *[40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category T--National Emission Standards for Halogenated Solvent Cleaning]*

Reporting requirements

(a) The owner or operator shall submit an initial statement of compliance for each solvent cleaning machine. For existing sources, this report shall be submitted to the Administrator no later than 150 days after December 2, 1997 (May 1, 1998). This statement shall include the requirements specified in paragraphs (a)(1) through (a)(6) of this condition.

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

(2) The address (i.e., physical location) of the solvent cleaning machine(s).

(3) A list of the control equipment used to achieve compliance for each solvent cleaning machine.

(4) For each piece of control equipment required to be monitored, a list of the parameters that are monitored and the values of these parameters measured on or during the first month after the compliance date.

(5) Conditions to maintain the wind speed requirements of Condition #005(b)(2)(i).

(6) If a carbon adsorber is used to comply with these standards, the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in Condition #002(c).

(b) The owner or operator shall submit an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include the requirements specified in paragraphs (b)(1) through (b)(3) of this condition.

(1) A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in Condition

#005(a)(9) of this permit and 40 CFR Section 63.463(d)(10)."

(2) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

(c) The owner or operator shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under paragraph (d) of this condition is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in paragraphs (c)(1) through (3) of this condition.

(1) Information on the actions taken to comply with Condition #005(b). This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

(2) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.

(3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

(d) An owner or operator who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the conditions in paragraphs (d)(1) through (d)(3) of this condition are met.

(1) The source has demonstrated a full year of compliance without an exceedance.

(2) The owner or operator continues to comply with all relevant recordkeeping and monitoring requirements specified in Conditions #002 and 003 for this source and 40 CFR Part 63 subpart A (General Provisions).

(3) The Administrator does not object to a reduced frequency of reporting for the affected source as provided in 40 CFR Section (e)(3)(iii) of 40 CFR Part 63, subpart A (General Provisions).

VI. WORK PRACTICE STANDARDS.

#005 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category T--National Emission Standards for Halogenated Solvent Cleaning Batch vapor and in-line cleaning machine standards]

(a) The owner or operator shall meet all of the following required work and operational practices specified below:

(1) Control air disturbances across the cleaning machine opening(s) by incorporating a reduced room draft as described in 63.463(e)(2)(ii).

(2) 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).

(3) 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 Administrator.

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

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

(6) 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.

(7) 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.

(8) 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.

(9) Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in 40 CFR Part 63, Appendix B if requested during an inspection by the Administrator or the Department.

(10) 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.

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

(b) The owner or operator shall comply with the requirements specified below:

(1) Conduct monitoring of each control device used to comply with Condition #007 (Dwell Time and Carbon Adsorption unit) as provided in Condition #002.

(2) Determine during each monitoring period whether each control device used to comply with these standards meets the requirements specified below:

(i) If a reduced room draft is used to comply with these standards, the owner or operator shall comply with the requirements specified, below:

(A) Ensure that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures in Condition #002(b).

(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 as described in Condition #002(b).

(ii) If a dwell is used to comply with these standards, the owner or operator shall comply with the requirements specified below:

(A) Determine the appropriate dwell time for each type of part or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in Condition #001(a).

(B) Ensure that, after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or for the maximum dwell time determined using the most complex part type or parts basket.

(iii) If a carbon adsorber in conjunction with a lip exhaust is used

to comply with these standards, the owner or operator shall comply with the requirements specified below:

(A) Ensure that the concentration of organic solvent in the exhaust from this device does not exceed 100 parts per million of any halogenated HAP compound as measured using the procedure in Condition #002(c). If the halogenated HAP solvent concentration in the carbon adsorber exhaust exceeds 100 parts per million, the owner or operator shall adjust the desorption schedule or replace the disposable canister, if not a regenerative system, so that the exhaust concentration of halogenated HAP solvent is brought below 100 parts per million.

(B) Ensure that the carbon adsorber bed is not bypassed during desorption.

(C) Ensure that the lip exhaust is located above the solvent cleaning machine cover so that the cover closes below the lip exhaust level.

(3) If any of the requirements of paragraph (2) of this condition are not met, determine whether an exceedance has occurred using the criteria in the paragraphs below:

(i) An exceedance has occurred if the requirements of paragraphs (b)(2)(i)(B), (b)(2)(ii), or (b)(2)(iii)(C) of this condition have not been met.

(ii) An exceedance has occurred if the requirements of paragraphs (b)(2)(ii)(A) or (b)(2)(iii)(A) of this condition have not been met and are not corrected within 15 days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits.

(4) The owner or operator shall report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in Condition #004(c).

VII. ADDITIONAL REQUIREMENTS.

#006 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category T--National Emission Standards for Halogenated Solvent Cleaning
Batch vapor and in-line cleaning machine standards

The owner or operator shall ensure that the in-line solvent cleaning machine conforms to the design requirements specified below:

- (1) Each cleaning machine shall be designed or operated with reduced room draft as described in Condition #005(b)(2)(ii).
- (2) Each cleaning machine shall have a freeboard ratio of 0.75 or greater.
- (3) Each cleaning machine 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.
- (4) Each vapor cleaning machine shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils.
- (5) Each vapor cleaning machine 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.
- (6) Each vapor cleaning machine shall have a primary condenser.
- (7) Each cleaning machine that uses a lip exhaust shall be designed and operated to route all collected solvent vapors through a properly operated and maintained carbon adsorber that meets the requirements of Condition #005(b)(2)(iii).

#007 [40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants for Source Category T--National Emission Standards for Halogenated Solvent Cleaning Batch vapor and in-line cleaning machine standards

The owner or operator shall maintain and operate an adequate dwell time and a carbon adsorption unit at all times that this source is being operated to comply with 40 CFR Section 63.463(c)(1).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: P-3
Source Name: PLASTISOL COATING LINE

SOURCE CAPACITY: 57.0 Lbs/HR PLASTISOL

Proc	EP
P-3	-->SF2.1
	EP
	-->SF2.2
	EP
	-->SF2.3
	EP
	-->SF2.4
	EP
	-->SF2.5
	EP
	-->SF2.6

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

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

VII. ADDITIONAL REQUIREMENTS.

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

***** PERMIT SHIELD IN EFFECT. *****

Source ID: P-4

Source Name: SOLVENT LOADING/UNLOADING & MISC LEAKS

SOURCE CAPACITY:

2.5 Gal/HR

2.5 Gal/HR

2.5 Gal/HR

Proc EP

P-4 -->Z-1

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** PERMIT SHIELD IN EFFECT. ***

SECTION D.
Source Level Requirements

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No Alternative Operations exist for this Title V Facility

No Emission Trading Groups exist for this Title V Facility.

SECTION C.
Emission Restriction Summary

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DEP ID	Source Description	Emission Limit	Pollutant
031	MISC. COMBUSTIO	4.000 Lbs/MMBTU over 1-hour period	SOX
I-1	INCINERATOR	.100 gr/DRY FT3 corrected to 12% carbon	PM10
P-2.1	PRIMER COATING	3.500 Lbs/Gal	VOC

SECTION H.
Miscellaneous

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For the purposes of this permit, Source #031 consists of various space heaters located throughout the facility.