



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: March 2, 2005

Effective Date: April 1, 2005

Expiration Date: March 31, 2010

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: 06-05035

Federal Tax Id - Plant Code: 51-0290518-1

Owner Information

Name: THE GLIDDEN CO DBA ICI PAINTS NORTH AMERICA

Mailing Address: 301 BERN ST
READING, PA 19601-1252

Plant Information

Plant: GLIDDEN DBA ICI PAINTS/READING

Location: 06 Berks County 06001 Reading City

SIC Code: 2851 Manufacturing - Paints And Allied Products

Responsible Official

Name: JONATHAN WAITE

Title: OPERATIONS DIRECTOR

Phone: (610) 373 - 4111

Permit Contact Person

Name: BRUCE F MACO

Title: COOR ENV AFF

Phone: (610) 376 - 8320

[Signature] _____

LEIF ERICSON, SOUTHCENTRAL REGION AIR PROGRAM MANAGER



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General Title V Requirements

- #001 Definitions
- #002 Property Rights
- #003 Permit Expiration
- #004 Permit Renewal
- #005 Transfer of Ownership or Operational Control
- #006 Inspection and Entry
- #007 Compliance Requirements
- #008 Need to Halt or Reduce Activity Not a Defense
- #009 Duty to Provide Information
- #010 Reopening and Revising the Title V Permit for Cause
- #011 Reopening a Title V Permit for Cause by EPA
- #012 Significant Operating Permit Modifications
- #013 Minor Operating Permit Modifications
- #014 Administrative Operating Permit Amendments
- #015 Severability Clause
- #016 Fee Payment
- #017 Authorization for De Minimis Emission Increases
- #018 Reactivation of Sources
- #019 Circumvention
- #020 Submissions
- #021 Sampling, Testing and Monitoring Procedures
- #022 Recordkeeping Requirements
- #023 Reporting Requirements
- #024 Compliance Certification
- #025 Operational Flexibility
- #026 Risk Management
- #027 Approved Economic Incentives and Emission Trading Programs
- #028 Permit Shield

Section C. Site Level Title V Requirements

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

Section D. Source Level Title V Requirements

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

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



SECTION A. Table of Contents

Section E. Source Group Restrictions

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

Section F. Alternative Operating Scenario(s)

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

Section G. Emission Restriction Summary

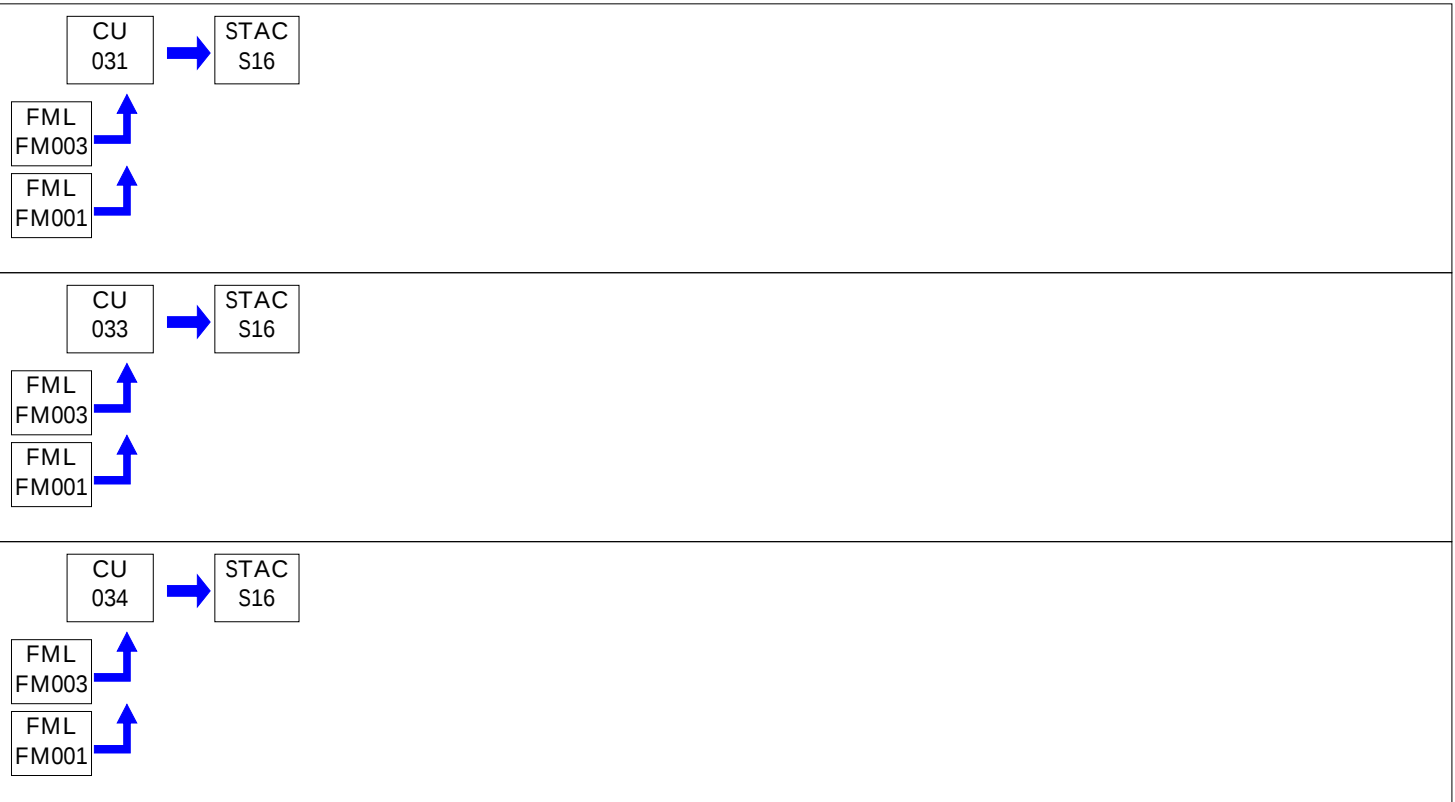
Section H. Miscellaneous

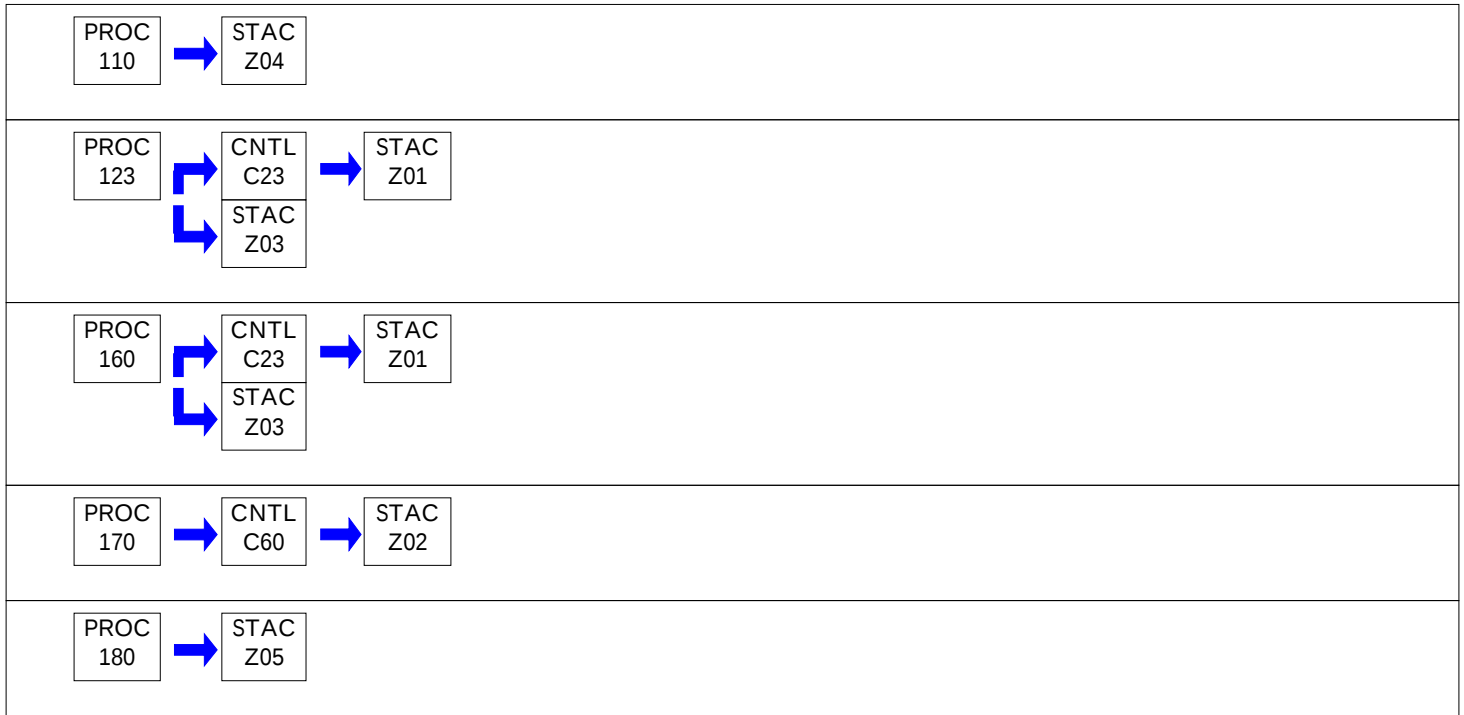


SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	KEELER BOILER	10.100 MMBTU / HR	
		78.00 Gal / HR	#6 FUEL OIL
		15.00 MCF / HR	NATURAL GAS
033	KEWANEE BOILER	16.700 MMBTU / HR	
		110.00 Gal / HR	#6 FUEL OIL
		16.00 MCF / HR	NATURAL GAS
034	JOHNSTON BOILER	24.900 MMBTU / HR	
		155.00 Gal / HR	#6 FUEL OIL
		24.40 MCF / HR	NATURAL GAS
110	BULK STORAGE TANKS	17.10 Tons / HR	CHEMICAL STORAGE
123	PAINT MANUFACTURING(SPECIALTY)	5,000.00 Lbs / HR	SOLVENTS
160	EMULSION COATINGS PLANT	1,000.00 Lbs / HR	SOLVENT
170	PIGMENT SILOS		
180	COLD DEGREASER		
C23	BAGHOUSES(5), COATINGS MFG		
C60	FABRIC COLLECTORS, PIGMENT SILOS		
FM001	#6 FUEL OIL TANK #18002		
FM003	NATURAL GAS PIPELINE		
S16	STACK, BOILER HOUSE		
Z01	FUGITIVES, PAINT MFG		
Z02	FUGITIVES, PIGMENT SILOS		
Z03	FUGITIVES, PAINT MFG		
Z04	FUGITIVES, BULK STORAGE		
Z05	FUGITIVES, DEGREASER		

PERMIT MAPS





**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

SECTION B. General Title V Requirements

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.

SECTION B. General Title V Requirements

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 §

SECTION B. General Title V Requirements

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

SECTION B. General Title V Requirements

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 §123.1]

Prohibition of certain fugitive emissions

No person shall permit the emission into the outdoor atmosphere of any fugitive air contaminant from a source other than the following:

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

002 [25 Pa. Code §123.2]

Fugitive particulate matter

No person shall permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Section C, Condition # 001, if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]

Limitations

No person shall 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

The permittee shall limit the emission of visible air contaminants into the outdoor atmosphere from source without specific limits in this permit in such a manner that the opacity of the emission is neither of the following:

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

005 [25 Pa. Code §123.42]

Exceptions

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitation.
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of

SECTION C. Site Level Requirements

visible emissions;

(3) The emission results from sources specified in Section C, Condition #001 (relating to prohibition of certain fugitive emissions).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PA Code Section 129.91]

The following are established as RACT for all cleanup operations using compounds containing VOCs:

- 1) All process tanks being cleaned shall be kept closed.
- 2) Caustic cleaning solutions shall be used wherever possible.
- 3) VOC cleaning compounds used by Specialty Coatings shall be used at ambient temperature.
- 4) No VOC cleaning compounds shall be used by Emulsion Coatings.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the emissions of Hazardous Air Pollutants (HAPs) to less than 10 tons of any one HAP or 25 tons of all HAPs from the facility during any consecutive 12-month period.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Department reserves the right to require exhaust stack testing of the source(s) as necessary during the permit term to verify emissions for purposes including emission fees, malfunctions or permit condition violations.

009 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

III. MONITORING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible air contaminants 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 certified, to measure plume opacity with the naked eye, as per EPA Method 9, or with the aid of any devices approved by the Department.

**SECTION C. Site Level Requirements**

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall conduct a weekly inspection during regular business workdays around the plant periphery during the daylight hours when the plant is in production to detect visible emissions, fugitive visible emissions and malodorous emissions as follows:

- a) Visible emissions in excess of the limits stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #009. As an alternative, plant personnel who observe such visible emissions shall report each incident to the Department within four hours of the occurrence and arrange for a certified observer to read the visible emissions.
- b) Presence of fugitive visible emissions beyond the plant property boundaries, as stated in Section C, Condition #002.
- c) Presence of malodorous air contaminants beyond the plant property boundaries as stated in Section C, Condition #003.

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the quantity and identity of all VOC solvents used for cleanup purposes on all production areas on a daily basis. Additionally, the permittee is required to maintain detailed and accurate records of the throughput of each production area and storage tank. These records shall be maintained and be made part of the company's annual "AIMS" submission.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a logbook for recording exceedances of malodorous air contaminants, visible emissions and fugitive visible emissions. The logbook shall include the name of the company representative, date and time of the monitoring and the wind direction.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain the following records:

- a. Total of each HAP emitted per month from the facility,
- b. Total of all HAPs emitted per month from the facility,
- c. 12-month rolling total of each HAP emitted from the facility, and
- d. 12-month rolling total of all HAPs emitted from the facility.

V. REPORTING REQUIREMENTS.

015 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

An annual report containing monthly records of fuel usage and operating hours for the sources listed in this operating permit shall be submitted to the District Supervisor of the Reading Office. The report for January 1 through December 31 is due no later than March 1 of the following year for each operating year authorized by the operating permit or its renewal.

016 [25 Pa. Code §127.512]

Operating permit terms and conditions.

SECTION C. Site Level Requirements

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

(a) The permittee shall report malfunctions which occur at the Title V facility to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, a malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

(1) Malfunctions which occur at the Title V facility and which pose an imminent danger to public health, safety, welfare and the environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than four hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

(2) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirements of subsection (a)(1), above, shall be reported to the Department, in writing, within five (5) days of discovery of the malfunction.

VI. WORK PRACTICE REQUIREMENTS.

017 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from the above sources from becoming airborne. These actions shall include, but not be limited to, the following:

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

(2) Application of asphalt, oil, 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 or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

VII. ADDITIONAL REQUIREMENTS.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the purpose of the US EPA and the SIP the RACT portions of this permit do not expire.

019 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material except 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) Any 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 solely for recreational or ceremonial purposes.

**SECTION C. Site Level Requirements**

(5) A fire set solely for cooking food.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: KEELER BOILER

Source Capacity / Throughput:

10.100 MMBTU / HR

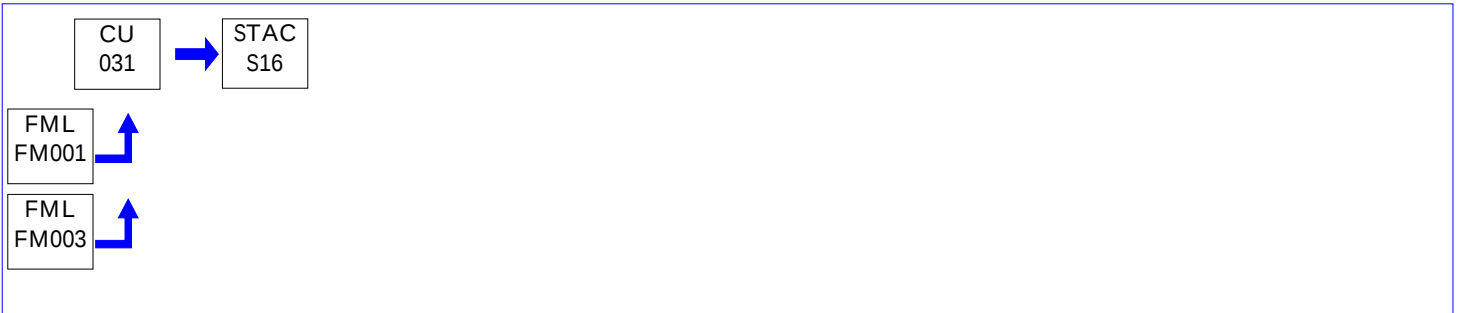
78.00 Gal / HR

#6 FUEL OIL

15.00 MCF / HR

NATURAL GAS

Conditions for this source occur in the following groups: SG01
SG02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

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) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

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) and /or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: KEWANEE BOILER

Source Capacity / Throughput:

16.700 MMBTU / HR

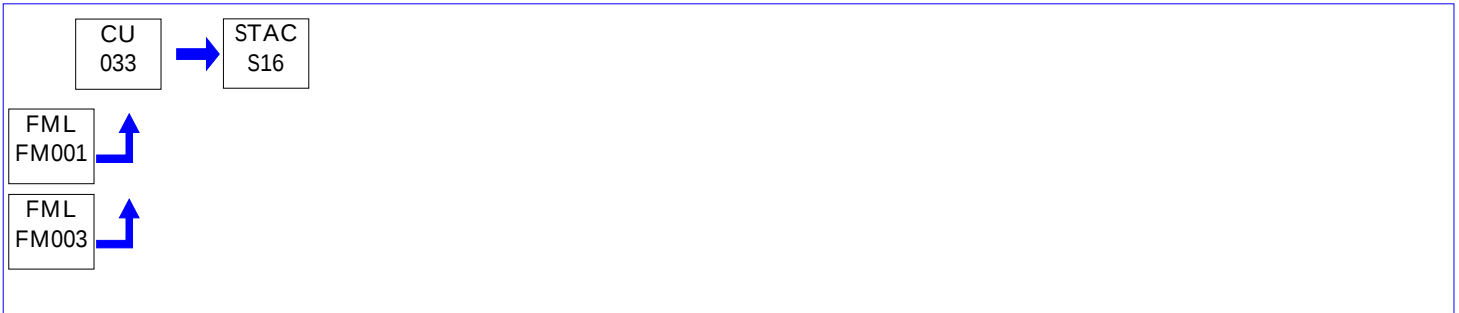
110.00 Gal / HR

#6 FUEL OIL

16.00 MCF / HR

NATURAL GAS

Conditions for this source occur in the following groups: SG01
SG02

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

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) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

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) and /or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 034

Source Name: JOHNSTON BOILER

Source Capacity / Throughput:

24.900 MMBTU / HR

155.00 Gal / HR

24.40 MCF / HR

#6 FUEL OIL

NATURAL GAS

Conditions for this source occur in the following groups: SG02

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from a combustion source in excess of the rate of 0.4 pound 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 any combustion unit, at any time, in excess of the rate of 3 pounds per million Btu of heat input over any 1-hour period.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved sulfur dioxide emission limit specified in 40 CFR 52.2020(c)(1)]

Fuel Restriction(s).

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.44c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Compliance and performance test methods and procedures for sulfur dioxide.**

The permittee shall not use a commercial No. 6 fuel oil with a sulfur content in excess of 0.5%, by weight.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.46c]

**Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Emission monitoring for sulfur dioxide**

SECTION D. Source Level Requirements

The permittee shall monitor the sulfur content in the No. 6 commercial fuel oil for each shipment received either by laboratory analysis or by supplier's certification.

IV. RECORDKEEPING REQUIREMENTS.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.

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

The permittee shall maintain records of all fuel analyses or fuel oil certifications for each shipment of No.6 fuel oil received for the most recent five year period. These records shall be available to the Department representatives upon request.

V. REPORTING REQUIREMENTS.

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48c]
Subpart Dc - Standards of Performance for Small Industrial- Commercial-Institutional Steam Generating Units
Reporting and recordkeeping requirements.

The permittee is required to submit a report every six months. Each report shall include the following information:

- 1) Calendar dates covered in the reporting period.
- 2) Either a 30-day average SO₂ emission rate or a 30-day average sulfur content (weight percent); reasons for any noncompliance and description of corrective actions.
- 3) Identification of times when emission data has been excluded; justification for excluding the data; description of the corrective actions taken.
- 4) If the F-Factor method is used to determine a pollution emission rate, the F-Factor should be identified.

VI. WORK PRACTICE REQUIREMENTS.

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

The operation of this source shall not result in visible or malodorous emissions.

VII. ADDITIONAL REQUIREMENTS.

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

The Johnston Boiler is subject to Subpart Dc of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR § 60.4 requires submission of copies of all requests, reports, applications, submittals, and other communications to both EPA and the Department.

The EPA copies shall be forwarded to:

Director
Air, Toxics and Radiation Division
USEPA, Region III
1650 Arch Street



SECTION D. Source Level Requirements

Philadelphia, Pa 19103-2029

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

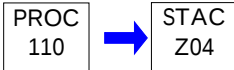
Source ID: 110

Source Name: BULK STORAGE TANKS

Source Capacity / Throughput:

17.10 Tons/ HR

CHEMICAL STORAG

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

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from 25 Pa Code Section 129.91]

The permittee, at a minimum, shall maintain all of the bulk storage tanks located outside of buildings with conservation vents set at 0.75 inches of water (0.36 psig) as established in the VOC RACT Plan of July 14, 1994, and approved in the Operating Permit No. 06-1035 issued on February 15, 1996, to The Glidden Company.

002 [25 Pa. Code §129.57]

[Storage tanks less than or equal to 40,000 gallons capacity containing VOCs](#)

The permittee shall ensure above ground stationary storage tanks with a capacity equal to or greater than 2,000 gallons which contain volatile organic compounds with vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions have pressure relief valves which are maintained in good operating condition and which are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in accordance with state or local fire codes or the National Fire Prevention Association guidelines or other national consensus standards acceptable to the Department.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall only use the Tank No. 3801 for the storage of volatile organic compounds (VOCs) with a vapor pressure of 0.5 psia or less.

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.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall maintain an inventory of all bulk storage tanks and their associated controls. The inventory shall include

**SECTION D. Source Level Requirements**

the tank number, building location and capacity. The inventory shall be updated at a minimum of once per calendar quarter. The inventory shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit the bulk storage tank inventory to the Department once per year in conjunction with the "AIMS" Report.

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The operation of this source(s) shall not result in visible or malodorous emissions.

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. ***

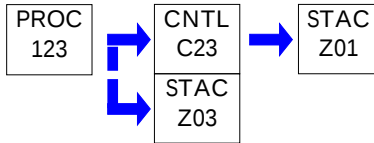
SECTION D. Source Level Requirements

Source ID: 123

Source Name: PAINT MANUFACTURING(SPECIALTY)

Source Capacity / Throughput: 5,000.00 Lbs/HR SOLVENTS

Conditions for this source occur in the following groups: SG03



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 129.91]

The permittee shall operate the source as established in the VOC RACT Plan of July 14, 1994, and approved by Operating Permit No. 06-1035 issued on February 15, 1996, to The Glidden Company.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain equipment, differential manometer or equivalent (as approved by the Department) so that, at any time, the pressure drop across the fabric collector controlling the Thinning Tanks ST03010 & ST03011 can be measured.

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) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit the inventory to the Department once per year in conjunction with the "AIMS" Report.

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain an inventory of all units and their associated control devices, that make up the source. The

**SECTION D. Source Level Requirements**

inventory shall include the unit, identification number and /or name, building location and capacity. The inventory shall be updated at a minimum of once per calendar quarter. The inventory shall be made available to the Department upon request.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The operation of this source(s) shall not result in visible or malodorous emissions.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and / or Section E (Source Group Restrictions).

*** Permit Shield in Effect. ***

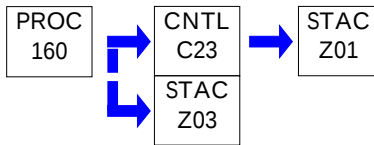
**SECTION D. Source Level Requirements**

Source ID: 160

Source Name: EMULSION COATINGS PLANT

Source Capacity / Throughput: 1,000.00 Lbs/HR SOLVENT

Conditions for this source occur in the following groups: SG03

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

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from Pa Code Section 129.91]

The permittee shall operate the source as established in the VOC RACT Plan of July 14, 1994, and approved by Operating Permit No. 06-1035 issued on February, 1996, to The Glidden Company.

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this permit is derived from the Plan Approval No. 06-5035C]

The permittee shall limit the VOC emissions from the second floor thinning operation to 2.7 tons during any consecutive 12-month period.

Throughput Restriction(s).

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall limit the emissions of VOCs from the NO. 10 Fill Line to 2.4 tons during any consecutive 12-month period.

004 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from Plan Approval No. 06-5035A]

The permittee shall only use the No. 10 Paint Fill Line for the containerization of water reducible coatings.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

**SECTION D. Source Level 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) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall maintain an inventory of all units and their associated control devices. The inventory shall include the unit number and /or name, building location and capacity. The inventory shall be updated at a minimum of once per calendar quarter. The inventory shall be made available to the Department upon request.

006 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from Plan Approval No. 06-5035C]

The permittee shall maintain records of the following for the second floor thinning operation:

- a. Material processed by the operation (pounds)
- b. VOC emission factor
- c. Monthly VOC emissions
- d. The 12-month rolling total emissions

Note: The permittee shall use the emission factor used in the application to determine the VOC emissions unless another is approval by the Department.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The permittee shall submit the inventory to the Department once per year in conjunction with the "AIMS" Report.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from the Plan Approval No. 06-5035C]

The permittee shall submit an annual report to the Department as part of the "AIMS" report, showing the second floor thinning operation's VOC emissions for the calendar year just past.

VI. WORK PRACTICE REQUIREMENTS.

009 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The operation of this source(s) shall not result in visible or malodorous emissions.

010 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from the Plan Approval No. 06-5035C]

**SECTION D. Source Level Requirements**

The permittee is permitted to vent the second floor thinning operation in a manner set forth in the application received by the Department on September 8, 2000.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

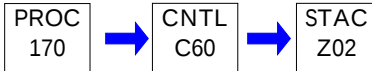
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 170

Source Name: PIGMENT SILOS

Source Capacity / Throughput:

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall limit the emissions of particulate matter to the outdoor atmosphere from the source in a manner that the concentration of particulate matter in the effluent gas does not exceed 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 (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).

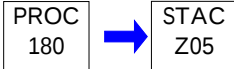
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 180

Source Name: COLD DEGREASER

Source Capacity / Throughput:

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

001 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall not use in a cold cleaning machine any solvent, with greater than 5% VOC by weight in the amount of 2 gallons or more, that has a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater measured at 20°C (68°F).

The above requirement does not apply:

- To cold cleaning machines used in extreme cleaning service.
- If the permittee demonstrates, and the Department approves in writing, that compliance with these conditions will result in unsafe operating conditions.
- To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

002 [25 Pa. Code §129.63]

Degreasing operations

Any immersion cold cleaning machine shall have a freeboard ratio of 0.50 or greater.

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.

003 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall maintain an inventory of the cold cleaning machines used at the facility. The inventory shall be updated each January. The inventory shall include the following information:

- Type of unit
- Size of the unit in gallons of solvent
- Solvent used
- Freeboard ratio
- Location of the unit at the facility

**SECTION D. Source Level Requirements**

004 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall maintain for at least two (2) years and shall provide to the Department, on request, the following information:

- a. The name and address of the solvent supplier.
- b. Type of solvent including the product or vendor identification number.
- c. The vapor pressure of the solvent measured in millimeters of mercury (mmHg) at 20°C (68°F).

An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

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.

005 [25 Pa. Code §129.63]

Degreasing operations

The immersion cold cleaning machine shall 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 six (6) inches shall constitute an acceptable cover.

006 [25 Pa. Code §129.63]

Degreasing operations

The permittee shall for immersion cold cleaning machines and remote reservoir cold cleaning machines:

- a. Have a permanent, conspicuous label summarizing the operating requirements below:
 1. 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.
 2. 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.
 3. Sponge, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cleaning machine.
 4. Air agitated solvent baths may not be used.
 5. Spills during solvent transfer and use of cold cleaning machines shall be cleaned-up immediately.
- b. In addition, the label shall include the following discretionary good practices:
 1. 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 positions so that the solvent drains directly back to the cold cleaning machine.
 2. 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.

**SECTION D. Source Level Requirements**

3. Work area fans should be located and positioned so that they do not blow across the opening of the cold cleaning machine.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §129.63]

Degreasing operations

The permittee that operates a parts washer or cold cleaning machine that uses two gallons or more of solvent containing greater than 5% VOC by weight for the cleaning of metal parts shall comply with the requirements in this section.

*** Permit Shield in Effect. ***

**SECTION E. Source Group Restrictions.**

Group Name: SG01

Group Description: Boilers

Sources included in this group:

ID	Name
031	KEELER BOILER
033	KEWANEE BOILER

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

001 [25 Pa. Code §123.11]

Combustion units

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from a combustion source in excess of the rate of 0.4 pound 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 any combustion unit, at any time, in excess of the rate of 3 pounds per million Btu of heat input over any 1-hour period.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved sulfur dioxide emission limit specified in 40 CFR 52.2020(c)(1)]

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not permit the use of a commercial No. 6 fuel oil with a sulfur content in excess of 2.0 percent by weight.

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.

The permittee shall monitor the sulfur content in the No. 6 commercial fuel oil for each shipment received either by laboratory analysis or by supplier's certification.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain records of all fuel analyses or fuel oil certifications for each shipment of No.6 fuel oil received for the most recent five year period. These records shall be available to the Department representatives upon request.

**SECTION E. Source Group Restrictions.****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.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT permit #06-1035, the operation of this source(s) shall not result in visible or malodorous emissions.

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 E. Source Group Restrictions.**

Group Name: SG02

Group Description: Boilers

Sources included in this group:

ID	Name
031	KEELER BOILER
033	KEWANEE BOILER
034	JOHNSTON BOILER

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 129.91]

The permittee shall operate the boilers as established in the VOC RACT Plan of July 14, 1994, and approved by the Department in Operating Permit No. 06-1035 issued on February 15, 1996, to The Glidden Company.

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 E. Source Group Restrictions.**

Group Name: SG03

Group Description: Chapter 130 Coating Limits

Sources included in this group:

ID	Name
123	PAINT MANUFACTURING(SPECIALTY)
160	EMULSION COATINGS PLANT

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 PA Code Section 130.603]

The permittee shall not:

- Manufacture, blend or repackage for sale within the Commonwealth a coating subject to Section 130.601 with a VOC content in excess of the corresponding limit specified Condition #002.
- Supply, sell or offer for sale within the Commonwealth a coating subject to Section 130.601 with a VOC content in excess of the corresponding limit specified in Condition #002.
- Solicit for application or apply a coating subject to Section 130.601 with a VOC content as applied in excess of the corresponding limit specified in Condition #002.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.603]

VOC Content Limits for Architectural and Industrial Maintenance Coatings

Coating Category	VOC Content Limit
Nonspecialty Coatings	
Flat Coatings	100 grams per liter
Nonflat Coatings	150 grams per liter
Nonflat High Gloss Coatings	250 grams per liter
Specialty Coatings	
Antenna Coatings	530 grams per liter
Antifouling Coatings	400 grams per liter
Bituminous Roof Coatings	300 grams per liter
Bituminous Roof Primers	350 grams per liter
Bond Breakers	350 grams per liter
Calcimine Recoaters	475 grams per liter
Clear Wood Coatings	
Clear Brushing Lacquers	680 grams per liter
Conversion Varnishes	725 grams per liter
Sanding Sealers	350 grams per liter
(other than Lacquer Sanding Sealers)	
Varnishes	350 grams per liter
Concrete Curing Compounds	350 grams per liter
Concrete Surface Retarders	780 grams per liter

SECTION E. Source Group Restrictions.

Dry Fog Coatings	400 grams per liter
Faux Finishing Coatings	350 grams per liter
Fire-Resistive Coatings	350 grams per liter
Fire-Retardant Coatings	
Clear	650 grams per liter
Opaque	350 grams per liter
Floor Coatings	250 grams per liter
Flow Coatings	420 grams per liter
Form-Release Compounds	250 grams per liter
Graphic Arts Coatings (Sign Paints)	500 grams per liter
High - Temperature Coatings	420 grams per liter
Impacted Immersion Coatings	780 grams per liter
Industrial Maintenance Coatings	340 grams per liter
Lacquers (including Lacquer Sanding Sealers)	550 grams per liter
Low-Solids Coatings	120 grams per liter
Includes water and exempt solvents	
Magnesite Cement Coatings	450 grams per liter
Mastic Texture Coatings	300 grams per liter
Metallic Pigmented Coatings	500 grams per liter
Multi-Color Coatings	250 grams per liter
Nuclear Coatings	450 grams per liter
Pretreatment Wash Primers	420 grams per liter
Primer, Sealers and Undercoaters	200 grams per liter
Quick-Dry Enamels	250 grams per liter
Quick-Dry Primers, Sealers and Undercoaters	200 grams per liter
Recycled Coatings	250 grams per liter
Roof Coatings	250 grams per liter
Rust-Preventive Coatings	400 grams per liter
Shellacs	
Clear	730 grams per liter
Opaque	550 grams per liter
Specialty Primers, Sealers and Undercoaters	350 grams per liter
Stains	250 grams per liter
Swimming Pool Coatings	340 grams per liter
Swimming Pool Repair and Maintenance Coatings	340 grams per liter
Temperature-Indicator Safety Coatings	550 grams per liter
Thermoplastic Rubber Coatings and Mastic	550 grams per liter
Traffic Marking Coatings	150 grams per liter
Waterproofing Sealers	250 grams per liter
Waterproofing Concrete / Masonry Sealers	400 grams per liter
Wood Preservatives	350 grams per liter

Conversion factor: 1 pound of VOC (US) equals 119.95 grams per liter

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.611]

To determine the physical properties of the coatings, the permittee shall use the methods found in 25 Pa Code Section 130.611 or others approved in writing by the Department.

SECTION E. Source Group Restrictions.**III. MONITORING REQUIREMENTS.**

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.611]

For the purpose of determining compliance with the VOC content limits of Condition #002, the permittee shall use the procedures described in this condition. The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured.

a. With the exception of low solids coatings, determine the VOC content in grams of VOC per liter of coating thinned to the manufacturer's maximum recommendation, excluding the volume of water and exempt compounds. Determine the VOC content as follows:

$$\text{VOC content} = (Ws - Ww - Wec) / (Vm - Vw - Vec)$$

Where:

VOC Content = grams of VOC per liter of coating

Ws = weight of volatiles, in grams,

Ww = weight of water, in grams,

Wec = weight of exempt compounds, in grams,

Vm = volume of coating, in liters,

Vw = volume of water, in liters,

Vec = volume of exempt compounds, in liters.

b. For low solids coatings, determine the VOC content in units of grams of VOC per liter of coating thinned to the manufacturer's maximum recommendation, including the volume of any water and exempt compounds. Determine the VOC content as follows:

$$\text{VOC Content (ls)} = (Ws - Ww - Wec) / (Vm)$$

Where,

VOC Content (ls) = VOC content of the low solids coating in grams of VOC per liter of Coating

Ws = weight of volatiles, in grams,

Ww = weight of water, in grams,

Wec = weight of exempt compounds, in grams,

Vm = volume of coating, in grams.

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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.605]

Upon request of the Department, the permittee, on or before April 1 of each calendar year beginning in the year 2006, submit an annual report to the Department. The report shall specify the number of gallons of subject coatings sold in this Commonwealth during the preceding calendar year and shall describe the method used by the manufacturer to calculate sales within this Commonwealth.

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.**

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.604]

The permittee shall label all containers of coatings subject to the limits of Condition #002 with the following:

- a. Date the coating was manufactured. If the permittee uses a code for the date, the permittee shall file an explanation of each code with the Department prior to the use of the code.
- b. A statement of the manufacturer's recommendation regarding thinning of the coating. This requirement does not apply to thinning with water. If thinning of the coating prior to use is not necessary, the recommendation shall specify that the coating is to be applied without thinning.
- c. The VOC content of the coating at either the maximum or actual as supplied, including the maximum thinning as recommended by the manufacturer. The VOC content shall be displayed in grams per liter of coating.
- d. All industrial maintenance coating containers shall be labeled with one or more of the following descriptions:
 1. "For industrial use only"
 2. "For professional use only"
 3. "Not for residential use"
 4. "Not intended for residential use"
- e. All clear brushing lacquers shall be prominently labeled, "For brush application only," and "This product must not be thinned or sprayed."
- f. All rust-preventive coatings shall be prominently labeled, "For Metal Substrates Only."
- g. All Specialty primers, sealers and undercoaters shall be prominently labeled with one or more of the following descriptions:
 1. For blocking stains
 2. For fire-damage substrates
 3. For smoke-damage substrates
 4. For water-damaged substrates
 5. For excessively chalky substrates.
- h. All Quick-dry enamels shall be prominently labeled, "Quick Dry" and the dry-hard time.
- i. All Nonflat high gloss coatings shall be prominently labeled, "High Gloss."

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this condition is derived from 25 Pa Code Section 130.601]

All architectural and industrial maintenance coatings manufactured by the permittee are subject to the VOC limits found in this permit except:

**SECTION E. Source Group Restrictions.**

- a. Those to be sold outside of the Commonwealth of Pennsylvania.
- b. Those that are to be used as an aerosol coating product.
- c. Those packaged in containers of 1 liter (1.057 quart) or less.

008 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

[Additional authority for this condition is derived from 25 Pa Code Section 130.603]

Coating manufactured prior to January 1, 2005, are not subject to the limits in Condition #002.

*** Permit Shield in Effect. ***



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

#001

This permit incorporates the conditions and operating requirements of the following permits:

06-1035

06-313-070A

06-302-168

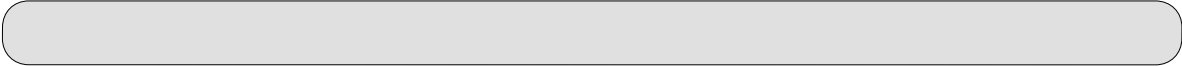
06-313-009D

#002

The following operations do not require work practice standards or testing, monitoring, record keeping or reporting requirements.

gluing operations

NOTE: Source #170 consists of two talc pigment silos and one clay pigment silo with the associated weigh hoppers (T-401,402,403,404,405,406). Also included in this source are 3 pigment bins (T-307,408,409).



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