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: 04-00033**

Federal Tax Id - Plant Code: 36-3203832-1

---

### Owner Information

- **Name:** NOVA CHEM INC
- **Mailing Address:** 400 FRANKFORT RD
  MONACA, PA 15061-2212

### Plant Information

- **Plant:** NOVA CHEM CO/ BEAVER
- **Location:** 04 Beaver County
- **SIC Code:** 2821 Manufacturing - Plastics Materials And Resins
- **Location Code:** 04947 Potter Township

### Responsible Official

- **Name:** IAN MACDONALD
- **Title:** SITE LEADER
- **Phone:** (724) 774 - 1000

### Permit Contact Person

- **Name:** ANDREA DAVISON
- **Title:** SENIOR ENVIRONMENTAL ENGI
- **Phone:** (724) 770 - 2339

---

[Signature]  _________________________________________

MARK A WAYNER, SOUTHWEST 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 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

<table>
<thead>
<tr>
<th>Source ID</th>
<th>Source Name</th>
<th>Capacity/Throughput</th>
<th>Fuel/Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>D3 EPS AND D4 EPS PROCESS EQUIPMENT</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>D3 AND D4 EPS EQUIPMENT SUBJECT TO RACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>D3 &amp; D4 EQUIPMENT CONTROLLED BY PERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>115</td>
<td>D4 EPS STORAGE TANKS SUBJECT TO 129.57</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>D3 EPS CENTRAL VAC SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>D4 EPS COOLING TOWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>D3 EPS &amp; D4 EPS PART. MATTER SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>135</td>
<td>UNCAPPED D3 EPS &amp; D4 EPS VOC EMISSIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>201</td>
<td>D2 PROCESSES</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>205</td>
<td>D2 PROCESSES - RACT EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>D2 LIQUID LUBE EPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>215</td>
<td>D2 STORAGE TANKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>D2 EPS PROCESS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>225</td>
<td>D2 PROCESSES PARTICULATE SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>301</td>
<td>D3 DYLENE PROCESS</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>305</td>
<td>D3 DYLENE RACT EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>310</td>
<td>D3 DYLENE BATCH REACTORS (MACT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>315</td>
<td>SOURCES CONTROLLED BY SERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>320</td>
<td>D3 DYLENE EQUIPMENT SUBJECT TO MACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>D3 DYLENE EQUIP SUBJECT TO PA 129.71</td>
<td></td>
<td></td>
</tr>
<tr>
<td>330</td>
<td>D3 DYLENE COOLING TOWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>335</td>
<td>D3 DYLENE PARTICULATE MATTER SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>401</td>
<td>DYLARK PROCESS</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>405</td>
<td>DYLARK RACT EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>410</td>
<td>DYLARK STORAGE TANKS (NSPS-PART KB)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>415</td>
<td>DYLARK PARTICULATE SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>501</td>
<td>D3 EXTRUSION P-20</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>505</td>
<td>D3 EXTRUSION P20 RACT EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>510</td>
<td>D3 EXTRUSION P20 EQUIP SUBJECT TO PERMIT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>515</td>
<td>D3 EXTRUSION LINE 2 PARTICULATE SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>601</td>
<td>D3 EXTRUSION LINES 1,3,4,&amp; SHEET PLANT</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>605</td>
<td>D3 EXTRUSION LINES 1,3,4&amp;SHEET PLNT RACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>610</td>
<td>D3 EXTRUSION LINES 1,3,4&amp;SHEET PLNT PART</td>
<td></td>
<td></td>
</tr>
<tr>
<td>701</td>
<td>FIELD STORAGE</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>705</td>
<td>FIELD STORAGE RACT EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>710</td>
<td>N-PENTANE STORAGE SPHERE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>715</td>
<td>FIELD STORAGE STYRENE TANKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>801</td>
<td>GENERAL PLANT EQUIPMENT</td>
<td>1.000 Lbs/HR</td>
<td></td>
</tr>
<tr>
<td>805</td>
<td>GENERAL PLANT RACT SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>810</td>
<td>LARGE MAINT. BURN OVEN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## SECTION A. Site Inventory List

<table>
<thead>
<tr>
<th>Source ID</th>
<th>Source Name</th>
<th>Capacity/Throughput</th>
<th>Fuel/Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>815</td>
<td>SMALL MAINT. BURN OVEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>900</td>
<td>SWING REACTORS-D3 EPS PRODUCTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0001</td>
<td>HCL SCRUBBERS (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0002</td>
<td>MULTIPLE FILTER/ RECEIVERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0003</td>
<td>WHIRL-WET DUST COLLECTOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0004</td>
<td>CENTRAL VACUUM SYSTEMS (4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0110</td>
<td>PERS BAGHOUSE F-4610</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0111</td>
<td>THERMAL OXIDIZER (RCO/ RTO) G-4625</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0112</td>
<td>BACKUP DIRECT FIRED THERMAL OXIDIZ G4626</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0210</td>
<td>D2 LIQUID LUBE CONDENSER SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0315</td>
<td>SERS (12 UNIT REFLUX CONDENSER SYSTEM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0510</td>
<td>D3 EXTRUSION LINE THERMAL OXIDIZER G3032</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0810</td>
<td>LARGE MAINTENANCE BURN OVEN AFTERBURNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C0815</td>
<td>SMALL MAINTENANCE BURN OVEN AFTER BURNER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD005</td>
<td>DYLARK EXTRUDERS DIRECT CONTACTCONDENSER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD006</td>
<td>DYLARK EXTRUDERS SHELL TUBE CONDENSER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD007</td>
<td>ROTOCLONE WET PARTICLE COLLECTOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD013</td>
<td>LIME SILO BIN VENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S111</td>
<td>PERS STACK 110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S112</td>
<td>DIRECT FIRED T/ O BACKUP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S210</td>
<td>D2 LIQUID TUBE COND. STACK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S315</td>
<td>12 CONDENSOR STACKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S510</td>
<td>D3 THERMAL OXIDIZER STACK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S810</td>
<td>LG.MAINT BURN OVEN STACK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S815</td>
<td>SML.MAINT BURN OVEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z115</td>
<td>TANK EMISSIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z120</td>
<td>D3 EPS CENTRAL VAC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z125</td>
<td>COOLING TOWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z130</td>
<td>D3/ D4 EPS PM10 SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z135</td>
<td>UNCAPTURED BY PERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z215</td>
<td>D2 STORAGE TANK FUGITIVES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z225</td>
<td>D3 STORAGE TANK FUGITIVE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z320</td>
<td>D3 DYLENE EQUIPMENT FUG.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z330</td>
<td>COOLING TOWER FUGITIVE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z335</td>
<td>D3 DYLENE PM10 SOURCES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z410</td>
<td>DYLARK STORAGE TANK FUG.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z415</td>
<td>DYLARK PM10 FUGITIVE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z515</td>
<td>D3 EXTRUSION PM10 FUG.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z610</td>
<td>D3 EXTRUSION 1,2,3PM10 FUG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SECTION A. Site Inventory List

<table>
<thead>
<tr>
<th>Source ID</th>
<th>Source Name</th>
<th>Capacity/Throughput</th>
<th>Fuel/Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z701</td>
<td>STORAGE TANK FUGITIVE.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PERMIT MAPS

**PROC 110** → **CNTL C0110** → **CNTL C0111** → **STAC S111**

**Alternative Operation**

**PROC 110** → **CNTL C0110** → **CNTL C0112** → **STAC S112**

**PROC 115** → **STAC Z115**

**PROC 120** → **STAC Z120**

**PROC 125** → **STAC Z125**

**PROC 130** → **STAC Z130**

**PROC 135** → **STAC Z135**

**PROC 210** → **CNTL C0210** → **STAC S210**

**PROC 215** → **STAC Z215**

**PROC 225** → **STAC Z225**

**PROC 315** → **CNTL C0315** → **STAC S315**

**PROC 320** → **STAC Z320**
<table>
<thead>
<tr>
<th>PROC</th>
<th>→ STAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>330</td>
<td>Z330</td>
</tr>
<tr>
<td>335</td>
<td>Z335</td>
</tr>
<tr>
<td>410</td>
<td>Z410</td>
</tr>
<tr>
<td>415</td>
<td>Z415</td>
</tr>
<tr>
<td>510</td>
<td>C0510 → STAC S510</td>
</tr>
<tr>
<td>515</td>
<td>Z515</td>
</tr>
<tr>
<td>610</td>
<td>Z610</td>
</tr>
<tr>
<td>701</td>
<td>Z701</td>
</tr>
<tr>
<td>810</td>
<td>C0810 → STAC S810</td>
</tr>
<tr>
<td>815</td>
<td>C0815 → STAC S815</td>
</tr>
</tbody>
</table>
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.

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,
SECTION B. General Title V Requirements

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

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

#006


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


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.
### SECTION B. General Title V Requirements

#### #008 [25 Pa. Code § 127.512(c)(2)]

**Need to Halt or Reduce Activity Not a Defense**

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

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

**Duty to Provide Information**

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

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


**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.


**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.
### 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.

### 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.

### 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.

### 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.

### 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).
### 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.

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 NOx from a single source during the term of the permit and 5 tons of NOx 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 0.15 centistokes at 60°F.
than or equal to 5.82 cSt, 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 § 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.


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).
## SECTION B. General Title V Requirements

### #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 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.

(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. 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.

(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
SECTION B. General Title V Requirements

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 127.453 (relating to operational flexibility changes)
7. Section 127.462 (relating to general plan approvals and operating permits)
8. 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.

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 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:
   - Three years after the date on which a regulated substance is first listed under § 68.130; or,
### 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.

### 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.

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.
SECTION B. General Title V Requirements

(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).

<table>
<thead>
<tr>
<th>#001</th>
<th>[25 Pa. Code §123.1]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prohibition of certain fugitive emissions</td>
<td></td>
</tr>
<tr>
<td>No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:</td>
<td></td>
</tr>
<tr>
<td>(1) Construction or demolition of buildings or structures</td>
<td></td>
</tr>
<tr>
<td>(2) Grading, paving and maintenance of roads and streets</td>
<td></td>
</tr>
<tr>
<td>(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.</td>
<td></td>
</tr>
<tr>
<td>(4) Clearing of land</td>
<td></td>
</tr>
<tr>
<td>(5) Stockpiling of materials.</td>
<td></td>
</tr>
<tr>
<td>(6) Open burning operations.</td>
<td></td>
</tr>
<tr>
<td>(7) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:</td>
<td></td>
</tr>
<tr>
<td>(a) The emissions are of minor significance with respect to causing air pollution.</td>
<td></td>
</tr>
<tr>
<td>(b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#002</th>
<th>[25 Pa. Code §123.2]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugitive particulate matter</td>
<td></td>
</tr>
<tr>
<td>No person may 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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#003</th>
<th>[25 Pa. Code §123.31]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limitations</td>
<td></td>
</tr>
<tr>
<td>A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#004</th>
<th>[25 Pa. Code §123.41]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limitations</td>
<td></td>
</tr>
<tr>
<td>A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:</td>
<td></td>
</tr>
<tr>
<td>(1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.</td>
<td></td>
</tr>
<tr>
<td>(2) Equal to or greater than 60% at any time.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#005</th>
<th>[25 Pa. Code §127.441]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating permit terms and conditions.</td>
<td></td>
</tr>
<tr>
<td>In accordance with RACT Operating Condition #1(a), the RACT Approval and Operating Permit is for the operation of VOC emissions sources subject to 25 Pa Code 129.91, as identified in the RACT proposal submitted on June 19, 1995, as modified in 2000, and located at NOVA Chemicals, Inc. Beaver Valley Plant, Beaver County, Monaca, PA.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#006</th>
<th>[25 Pa. Code §129.14]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open burning operations</td>
<td></td>
</tr>
<tr>
<td>No person may permit the open burning of material in an air basin.</td>
<td></td>
</tr>
</tbody>
</table>

Exceptions: The requirement above does not apply where the open burning operations result from: |

(1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer. |
SECTION C. Site Level Requirements

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

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

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

(5) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of such structure.

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

(7) A fire set solely for cooking food.

Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:

(i) Air curtain destructors shall be used when burning clearing and grubbing wastes.

(ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).

(iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.

(iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

(3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall
## General

Sources covered by New Source Performance Standards which are more stringent than those contained in Chapter 25, Pa. Code Section 129 shall comply with the standards in lieu of the standards found in Chapter 25, Pa. Code Section 129.

### Implementation of emission reduction procedures

(a) If the Department declares that a forecast, alert, warning or emergency level exists in an area of this Commonwealth, the person responsible for the operation of a source whose emissions may affect air quality in that area shall implement the standby plan required by 137.4 (relating to standby plans), for the source.

(b) A person responsible for the operation of a source not required to prepare a standby plan in accordance with 137.4 shall, when the Department declares that a forecast, alert, warning or emergency level exists in an area of this Commonwealth in which the source is located, implement applicable emission reduction procedures in accordance with the objectives of 137.11--137.14.

### Standard for demolition and renovation.

The requirements of 40 CFR 61.145(b) shall apply to renovation and demolition activities conducted at the plant.

### Standard for waste disposal for manufacturing, fabricating, demolition, renovation, and spraying operations.

The requirements of 40 CFR 61.150(a) shall apply to renovation and demolition activities conducted at the plant.

## II. TESTING REQUIREMENTS.

### General

Demonstration of compliance. Test methods and procedures used to monitor compliance with the emission requirements of this section are those specified in Chapter 139 (relating to sampling and testing).

### General requirements.

The following are applicable to source tests for determining emissions from stationary sources:

1. Performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

2. The Department will consider for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

   (i) A thorough source description, including a description of any air cleaning devices and the flue.

   (ii) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler
### SECTION C. Site Level Requirements

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Test methods for particulate emissions shall include both dry filters and wet impingers and provide for at least a 95% collection efficiency of particulate matter.</td>
</tr>
<tr>
<td>(2)</td>
<td>Isokinetic sampling procedures shall be used in sampling for particulate matter emissions and the weights of soluble and insoluble particulate determined gravimetrically after the removal of uncombined water.</td>
</tr>
<tr>
<td>(3)</td>
<td>Test methods and procedures shall be equivalent to those specified in 139.4(5) (relating to references). The equipment shall be inert where appropriate and similar to that specified in 139.4(1).</td>
</tr>
<tr>
<td>(4)</td>
<td>The minimum sampling time shall be 1 hour or as specified in an applicable standard or by the Department and the minimum sample volume shall be 50 cubic feet or as specified in an applicable standard or by the Department, corrected to standard conditions (dry basis).</td>
</tr>
<tr>
<td>(5)</td>
<td>Results shall be calculated based upon sample train component weights specified in 139.4(5) and insoluble weights in the impinger solution and on sample-exposed surfaces subsequent to the final filtration media. Insoluble weights shall be determined by .22u membrane filtration. Results shall be reported as pounds of particulate matter per hour and in accordance with the units specified in 123.11–123.13 (relating to particulate matter emissions).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Test methods and procedures for sulfur oxides shall be equivalent to or modified to produce results equivalent to those which would be obtained by employing the procedures specified in 139.4(5) (relating to references). Test methods and procedures for SO₂ from combustion sources shall be equivalent to or modified to produce results equivalent to those which would be obtained by employing procedures specified in 139.4(5). Details for sampling equipment are contained in 139.4(1) or (5).</td>
</tr>
<tr>
<td>(2)</td>
<td>Test methods and procedures for H₂S shall be equivalent to or modified to produce results equivalent to those obtained by employing the procedures specified in 139.4(5). The equipment shall be inert where appropriate and similar to that specified in 139.4(1) or (5).</td>
</tr>
<tr>
<td>(3)</td>
<td>Test methods and procedures for TRS shall be equivalent to or modified to produce results equivalent to those obtained by employing the procedures specified in 139.4(5). The equipment shall be inert where appropriate and similar to that specified in 139.4(1) or (5).</td>
</tr>
</tbody>
</table>
obtained by employing the procedures specified in 139.4(5). The equipment shall be inert when appropriate and similar to that specified in 139.4(1).

(4) For determination of emissions of TRS using EPA Method 16, a minimum of 16 injects per test run shall be analyzed. Each test run shall be over a period of at least 3 hours but not more than 6 hours. For determination of TRS emissions using EPA Method 16A, a test run shall consist of either one 3-hour sample or three 60-minute samples. Three test runs constitute a determination for purposes of both EPA Methods.

(5) Test methods and procedures and equipment for NO₂ shall be similar to those specified in 139.4(1) and (5).

(6) For determining emissions of SO₂ and H₂S, the minimum sampling time shall be 1 hour and the minimum sample volume shall be 30 cubic feet corrected to standard conditions—dry basis.

# 015 [25 Pa. Code §139.14]

Emissions of VOCs.

(a) The following are applicable to tests for determining volatile organic content:

(1) Test methods and procedures for the volatile organic content, water content and density of surface coatings shall be equivalent to those specified in 139.4(1) and (5) (relating to references).

(2) Test methods and procedures for VOCs in effluent water shall be equivalent to those specified in 139.4(16), expressed as pentane.

(3) Not applicable.

(4) Results shall be reported in accordance with the units specified in the appropriate section of Chapter 129 (relating to standards for sources).

(b) The following are applicable to tests for determining the emissions of VOCs:

(1) Test methods for VOC emissions shall use a technique having at least a 95% collection efficiency for VOCs.

(2) Except for those sources or systems specified in this subsection, the test methods and procedures and equipment for VOCs, excluding carbon dioxide, carbon monoxide and methane shall be equivalent to those specified in EPA Method 25 or as specified in 139.4(5). The owner or operator of a source may exclude ethane from the VOC measurement. If ethane is excluded, the measurement of ethane shall be reported separately.

(3) For gasoline vapor recovery systems, test methods and procedures and equipment for VOCs shall be equivalent to those specified in EPA Method 25B or as specified in 139.4(5).

(4) For determining the magnitude of VOC leaks from petroleum refinery equipment, from synthetic organic chemical and polymer manufacturing equipment and from surface active agent manufacturing equipment, test methods and procedures shall be equivalent to those specified in EPA Method 21 or as specified in 139.4(5). The owner or operator of a source may exclude methane and ethane from this measurement. If methane and ethane are excluded, the measurement of methane and ethane together shall be reported.

(5) For determining the VOC leak tightness of truck tanks, test methods and procedures shall be equivalent to those specified in EPA Method 27 or as specified in 139.4(5).

(6) For determining the magnitude of VOC leaks from gasoline tank trucks and vapor collection systems, test methods and procedures shall be equivalent to those specified in EPA Method 21 or as specified in 139.4(5).
III. MONITORING REQUIREMENTS.

# 016  [25 Pa. Code §123.43]
Measuring techniques
Visible emissions may be measured using either of the following:

(1) A device approved by the Department and maintained to provide accurate opacity measurements.

(2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

# 017  [25 Pa. Code §127.441]
Operating permit terms and conditions.
The owner/operator shall conduct routine inspections of this facility, when this source is in operation, to determine the presence of malodorous air emissions detectable beyond the boundaries of this facility.

# 018  [25 Pa. Code §127.441]
Operating permit terms and conditions.
A qualitative observation of the entire facility will be conducted to monitor visible emissions from site particulate sources.

IV. RECORDKEEPING REQUIREMENTS.

# 019  [25 Pa. Code §127.441]
Operating permit terms and conditions.
A log sheet of each qualitative visible emissions site review will be completed. The log sheets shall be maintained for five years.

General
The owner or operator of a facility or source subject to the VOC emission limitations and control requirements in this chapter shall keep records to demonstrate compliance with the applicable limitation or control requirement. The records shall provide sufficient data and calculations to clearly demonstrate that the emission limitations or control requirements are met. Data or information required to determine compliance with an applicable limitation shall be recorded and maintained in a time frame consistent with the averaging period of the standard. The records shall be retained at least 5 years and shall be made available to the Department on request.

V. REPORTING REQUIREMENTS.

Reporting requirements.

(a) The permittee shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which the permittee should reasonably believe may result in citizen complaints to the Department that occurs at this Title V facility. For purposes of this condition a malfunction is defined as 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 that may result in an increase in the emissions of air contaminants.

(b) When the malfunction poses an imminent and substantial danger to the public health and safety or harm to the environment, the notification shall be submitted to the Department no later than one hour after the incident.
(1) The notice shall describe the:
   (i) name and location of the facility;
   (ii) nature and cause of the malfunction or breakdown;
   (iii) time when the malfunction or breakdown was first observed;
   (iv) expected duration of excess emissions; and
   (v) estimated rate of emissions.

(2) The owner or operator shall notify the Department immediately when corrective measures have been accomplished.

(3) Subsequent to the malfunction, the owner or operator shall submit a full report on the malfunction to the Department within 15 days, if requested.

(4) The owner or operator shall submit reports on the operation and maintenance of the source to the Regional Air Program Manager at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and maintenance schedules.

(c) Malfunctions shall be reported to the Department at the following address:

   PADEP
   Office of Air Quality
   400 Waterfront Drive
   Pittsburgh, PA  15222-4745
   (412)442-4000

   The owner or operator shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

   (c) Annual emission statements are due by March 1 for the preceding calendar year and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

   (1) A more frequent submission is required by the EPA.

   (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

   (d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOC’s or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories...
## SECTION C. Site Level Requirements

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The owner or operator shall submit by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.</td>
<td></td>
</tr>
<tr>
<td>The source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The reporting requirements of 40 CFR 61.145(b) shall apply to renovation and demolition activities conducted at the plant.</td>
<td></td>
</tr>
</tbody>
</table>

### VI. WORK PRACTICE REQUIREMENTS.

<table>
<thead>
<tr>
<th># 025</th>
<th>[25 Pa. Code §123.1] Prohibition of certain fugitive emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>For any source specified in Section C, Condition #001, the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:</td>
<td></td>
</tr>
<tr>
<td>(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.</td>
<td></td>
</tr>
<tr>
<td>(2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.</td>
<td></td>
</tr>
<tr>
<td>(3) Paving and maintenance of roadways.</td>
<td></td>
</tr>
<tr>
<td>(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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The owner/operator shall take reasonable precautions to prevent the release of fugitive particulate matter or malodorous emissions that would generate visible emissions and malodors beyond the Site's property lines.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The requirements of 40 CFR 61.145(b) shall apply to renovation and demolition activities conducted at the plant.</td>
<td></td>
</tr>
</tbody>
</table>

### VII. ADDITIONAL REQUIREMENTS.

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

### 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: 101  
Source Name: D3 EPS AND D4 EPS PROCESS EQUIPMENT  
Source Capacity/Throughput: 1,000 Lbs/HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Records shall be retained of the product formulation and production specification that demonstration that no HAPs are used or produced.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with 40 CFR Part 63.1310(b)(1), all affected thermoplastic production units (TPPU) that do not use or manufacture any organic HAP shall retain data to document the basis that the TPPU does not use or manufacture any organic HAP.</td>
</tr>
</tbody>
</table>

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: 105  Source Name: D3 AND D4 EPS EQUIPMENT SUBJECT TO RACT

Source Capacity/Throughput:

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).

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

In accordance with RACT Operating Permit #04-000-033, Special Condition #4, VOC emissions shall not exceed 253 tons in any consecutive 12 month period for the affected RACT equipment.

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: 110  Source Name: D3 & D4 EQUIPMENT CONTROLLED BY PERS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: NATURAL GAS COMBUSTION SOURCES

This source occurs in alternate operation: PERS DIRECT FIRED OXIDIZER

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §123.21]
General
No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

# 002 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #4, visible emissions from the thermal oxidizer shall not exceed 10% opacity except during the bakeout operation as described in the Plan Approval application, when visible emissions shall not exceed 20%.

# 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #8, the regenerative thermal oxidizer (RTO) set point shall be maintained at or above 1400 degrees F and the minimum RTO operating temperature shall be 1200 degrees F.

# 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #10, the thermal oxidizer destruction efficiency shall be maintained at 97% or greater.

# 005 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #11, the owner/operator shall demonstrate and maintain an overall reduction of at least 85% for the VOC emissions.

# 006 [25 Pa. Code §127.441]
Operating permit terms and conditions.
Incidental VOC emissions from the PERS shall not exceed an aggregate of 1,000 pounds in the 6 month periods, January-June and July-December of each year.

For the purposes of this condition, incidental emissions are those emissions associated with the normal or routine operation of the PERS System in a manner consistent with good operating practices that have been approved by the Department.
II. TESTING REQUIREMENTS.

<table>
<thead>
<tr>
<th># 007</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Operating Permit #04-313-065A, Special Condition #12, a compliance demonstration with the requirements of Condition #006 shall be achieved through testing one of each type of uncaptured source in the D3/D4 EPS unit and application of the methodology set forth in Attachment I of the Plan Approval application dated May 12, 1992, as revised January 23, 1995.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 008</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Operating Permit #04-313-065A, Special Condition #10, compliance with the destruction efficiency shall be demonstrated by simultaneous stack testing of the inlets and outlet of the RTO oxidizer and this testing shall be performed at least once during the term of the permit and consist of three 1 hour tests.</td>
</tr>
</tbody>
</table>

III. MONITORING REQUIREMENTS.

<table>
<thead>
<tr>
<th># 009</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Operating Permit #04-313-065A, Special Condition #6, monitoring devices shall be calibrated, maintained, and operated to continuously measure the pressure differential of the gas stream through the baghouse as described in the January 23, 1995 Plan Approval application. A high pressure alarm shall be installed and set at 8&quot; water gauge.</td>
</tr>
</tbody>
</table>

IV. RECORDKEEPING REQUIREMENTS.

<table>
<thead>
<tr>
<th># 010</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The owner/operator shall record time and date of baghouse inspection as required in Condition #011 above.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 011</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Records of any incidental VOC emissions associated with the plant air pollution control systems shall be recorded and maintained after each occurrence.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 012</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Operating Permit #04-313-065A, Special Condition #5, the owner/operator shall keep records of repairs to the baghouse and these repairs shall be logged on the work order system.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Operating Permit #04-313-065A, Special Condition #9, the temperature of the gases in the RTO retention chamber shall be recorded and made available for inspection by the Department for at least five years.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th># 014</th>
<th>[25 Pa. Code §127.441]-operating permit terms and conditions.</th>
</tr>
</thead>
</table>
|       | In accordance with Operating Permit #04-313-065A, Special Condition #5, the baghouse shall be operated and maintained in
SECTION D. Source Level Requirements

accordance with the manufacturer's specifications, where available, or in accordance with good operating and maintenance practices, where such specifications are not available. A general inspection of the baghouse shall be conducted daily to ensure baghouse equipment is working properly.

# 015  [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #7, a quantity of spare bags as recommended by the manufacturer of the baghouse shall be kept on hand for repairs.

# 016  [25 Pa. Code §127.441]
Operating permit terms and conditions.
To ensure that the visible emissions performance standards for the RTO stack are met the PERS regenerative thermal oxidizer(RTO) shall be operated in accordance with the manufacturer's specifications where available, and as modified to reflect good operating practices.

# 017  [25 Pa. Code §129.93]
Presumptive RACT emission limitations
Presumptive RACT emissions limitations include the installation, maintenance, and operation of the PERS system in accordance with the manufacturer's specification where available, and as modified to reflect good operating practices.

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: 115
Source Name: D4 EPS STORAGE TANKS SUBJECT TO 129.57
Source Capacity/Throughput:

PROC 115  STAC Z115

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §129.57]
Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

Storage tanks covered under this section shall 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.

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: 120  Source Name: D3 EPS CENTRAL VAC SYSTEM
Source Capacity/Throughput:

**PROC 120** → **STAC Z120**

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 125          Source Name: D4 EPS COOLING TOWER
Source Capacity/Throughput:

PROC 125    STAC Z125

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with 40 CFR 63.402 (Cooling Tower MACT), no owner or operator of an industrial process cooling tower shall use chromium-based water treatment chemicals in any affected industrial process cooling tower.

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: 130  Source Name: D3 EPS & D4 EPS PART. MATTER SOURCES

Conditions for this source occur in the following groups: PARTICULATE SOURCES

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: 135  
Source Name: UNCAPTURED D3 EPS & D4 EPS VOC EMISSIONS

Source Capacity/Throughput:

- PROC 135
- STAC Z135

I. RESTRICTIONS.

Emission Restriction(s).

# 001  [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #11, the owner/operator shall demonstrate and maintain the control system to achieve an overall reduction of at least 85% for VOC emissions.

II. TESTING REQUIREMENTS.

# 002  [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit #04-313-065A, Special Condition #12, a compliance demonstration with the requirements of Condition #001 above, shall be achieved through testing one of each type of uncaptured source in the D3/D4 EPS unit and application of the methodology set forth in Attachment I of the Plan Approval application dated May 12, 1992, as revised January 23, 1995.

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: 201  Source Name: D2 PROCESSES
Source Capacity/Throughput: 1,000 Lbs/HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID:  205  
Source Name:  D2 PROCESSES-RACT EQUIPMENT  
Source Capacity/Throughput:

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th># 001</th>
<th>[25 Pa. Code §127.441]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating permit terms and conditions.</td>
<td></td>
</tr>
</tbody>
</table>

In accordance with RACT Operating Permit #04-000-033, Condition #4, VOC emissions shall not exceed 186 tons in any consecutive 12 month period (for the affected RACT sources).

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. ***
# Emission Restriction(s).

<table>
<thead>
<tr>
<th># 001</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Plan Approval #PA-04-033, Condition #4, the liquid lube system (compressor) shall be operated under a pressure of no less than 50 psig.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 002</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Plan Approval #PA-04-033, Condition #3, the liquid lube process condenser stream temperature shall not exceed 50F while processing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 003</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with Plan Approval #PA-04-033, Condition #5, the total production through the lube process shall not exceed 18,000,000 pounds annually.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># 004</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Incidental VOC emissions from the Liquid Lube Condenser System shall not exceed an aggregate of 1,000 pounds in the 6 month periods, January-June and July-December of each year. For the purposes of this condition, incidental emissions are those emissions associated with the normal or routine operation of the Liquid Lube Condenser System in a manner consistent with good operating practices that have been approved by the Department.</td>
</tr>
</tbody>
</table>

## III. 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.

<table>
<thead>
<tr>
<th># 005</th>
<th>Monitoring and related recordkeeping and reporting requirements.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The owner/operator shall monitor condenser coolant temperature and the compressor operating pressure.</td>
</tr>
</tbody>
</table>

## IV. RECORDKEEPING REQUIREMENTS.

<table>
<thead>
<tr>
<th># 006</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Records of the condenser coolant temperature and the compressor operating pressure shall be maintained along with the annual liquid lube production.</td>
</tr>
</tbody>
</table>
SECTION D.  Source Level Requirements

# 007  [25 Pa. Code §127.441]
Operating permit terms and conditions.
Records of any incidental VOC emissions associated with the plant air pollution control systems shall be recorded and maintained after each occurrence.

# 008  [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.
In accordance with Plan Approval #PA-04-033, Condition #5, a log of the production throughput shall be kept and maintained on site for five years.

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: 215  
Source Name: D2 STORAGE TANKS  
Source Capacity/Throughput:

PROC  
STAC  
Z215

I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th>#001</th>
<th>[25 Pa. Code §129.57]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage tanks less than or equal to 40,000 gallons capacity containing VOCs</td>
<td></td>
</tr>
<tr>
<td>Pressure relief valves shall be maintained in good operating condition; PRV 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.</td>
<td></td>
</tr>
</tbody>
</table>

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. ***
I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

<table>
<thead>
<tr>
<th># 001</th>
<th>[25 Pa. Code §127.441] Operating permit terms and conditions.</th>
<th>Records shall be retained of the product formulation and production specification that demonstrate that no HAPs are used or produced.</th>
</tr>
</thead>
<tbody>
<tr>
<td># 002</td>
<td>[25 Pa. Code §127.441] Operating permit terms and conditions.</td>
<td>In accordance with 40 CFR Part 63.1310(b)(1), all affected thermoplastic production units (TPPU) that do not use or manufacture any organic HAP shall retain data to document the basis that the TPPU does not use or manufacture any organic HAP.</td>
</tr>
</tbody>
</table>

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: 225  Source Name: D2 PROCESSES PARTICULATE SOURCES

Source Capacity/Throughput:

Conditions for this source occur in the following groups: PARTICULATE SOURCES

<table>
<thead>
<tr>
<th>PROC</th>
<th>STAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>225</td>
<td>Z225</td>
</tr>
</tbody>
</table>

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: 301  
Source Name: D3 DYLENHE PROCESS

Source Capacity/Throughput: 1,000 Lbs/HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 305  Source Name: D3 DYLENE RACT EQUIPMENT

Source Capacity/Throughput:

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).

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

In accordance with RACT Operating Permit 04-000-033, Condition #4, VOC emissions shall not exceed 11 tons in any consecutive 12 month period (for these affected RACT sources).

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: 310  Source Name: D3 DYYLENE BATCH REACTORS(MACT)

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

In accordance with 40 CFR Part 63.1310(Subpart JJJ), the applicable provisions for the Dylene Group 2 reactors shall be met including provisions for batch process vents group determination, reference control technologies, data retention, general reporting and notifications, notification of compliance status, periodic reports, recordkeeping and reporting.

| #002 | [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1] |
| Subpart A--General Provisions |
| Applicability. |

All applicable provisions under the MACT General provisions (provided below) for prohibited activities, circumvention, severability, construction and reconstruction, compliance with standards, testing, recordkeeping, and reporting shall be met.

(a) General.

(1) Terms used throughout this part are defined in 63.2 or in the Clean Air Act (Act) as amended in 1990, except that individual subparts of this part may include specific definitions in addition to or that supersede definitions in 63.2.

(2) This part contains national emission standards for hazardous air pollutants (NESHAP) established pursuant to section 112 of the Act as amended November 15, 1990. These standards regulate specific categories of stationary sources that emit (or have the potential to emit) one or more hazardous air pollutants listed in this part pursuant to section 112(b) of the Act. This
section explains the applicability of such standards to sources affected by them. The standards in this part are independent of NESHAP contained in 40 CFR part 61. The NESHAP in part 61 promulgated by signature of the Administrator before November 15, 1990 (i.e., the date of enactment of the Clean Air Act Amendments of 1990) remain in effect until they are amended, if appropriate, and added to this part.

(3) No emission standard or other requirement established under this part shall be interpreted, construed, or applied to diminish or replace the requirements of a more stringent emission limitation or other applicable requirement established by the Administrator pursuant to other authority of the Act (including those requirements in part 60 of this chapter), or a standard issued under State authority.

(4) The provisions of this subpart (i.e., subpart A of this part) apply to owners or operators who are subject to subsequent subparts of this part, except when otherwise specified in a particular subpart or in a relevant standard. The general provisions in subpart A eliminate the repetition of requirements applicable to all owners or operators affected by this part. The general provisions in subpart A do not apply to regulations developed pursuant to section 112(r) of the amended Act, unless otherwise specified in those regulations.

(5) [Reserved]

(6) To obtain the most current list of categories of sources to be regulated under section 112 of the Act, or to obtain the most recent regulation promulgation schedule established pursuant to section 112(e) of the Act, contact the Office of the Director, Emission Standards Division, Office of Air Quality Planning and Standards, U.S. EPA (MD-13), Research Triangle Park, North Carolina 27711.

(7) Subpart D of this part contains regulations that address procedures for an owner or operator to obtain an extension of compliance with a relevant standard through an early reduction of emissions of hazardous air pollutants pursuant to section 112(i)(5) of the Act.

(8) Subpart E of this part contains regulations that provide for the establishment of procedures consistent with section 112(l) of the Act for the approval of State rules or programs to implement and enforce applicable Federal rules promulgated under the authority of section 112. Subpart E also establishes procedures for the review and withdrawal of section 112 implementation and enforcement authorities granted through a section 112(l) approval.

(9) [Reserved]

(10) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.

(11) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, test plan, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.

(12) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in 63.9(i).
(13) Special provisions set forth under an applicable subpart of this part or in a relevant standard established under this part shall supersede any conflicting provisions of this subpart.

(14) Any standards, limitations, prohibitions, or other federally enforceable requirements established pursuant to procedural regulations in this part (including, but not limited to, equivalent emission limitations established pursuant to section 112(g) of the Act) shall have the force and effect of requirements promulgated in this part and shall be subject to the provisions of this subpart, except when explicitly specified otherwise.

(b) Initial applicability determination for this part.

(1) The provisions of this part apply to the owner or operator of any stationary source that--

(i) Emits or has the potential to emit any hazardous air pollutant listed in or pursuant to section 112(b) of the Act; and

(ii) Is subject to any standard, limitation, prohibition, or other federally enforceable requirement established pursuant to this part.

(2) In addition to complying with the provisions of this part, the owner or operator of any such source may be required to obtain an operating permit issued to stationary sources by an authorized State air pollution control agency or by the Administrator of the U.S. Environmental Protection Agency (EPA) pursuant to title V of the Act (42 U.S.C. 7661). For more information about obtaining an operating permit, see part 70 of this chapter.

(3) An owner or operator of a stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants who determines that the source is not subject to a relevant standard or other requirement established under this part, shall keep a record of the applicability determination as specified in 63.10(b)(3) of this subpart.

(c) Applicability of this part after a relevant standard has been set under this part.

(1) If a relevant standard has been established under this part, the owner or operator of an affected source shall comply with the provisions of this subpart and the provisions of that standard, except as specified otherwise in this subpart or that standard.

(2) If a relevant standard has been established under this part, the owner or operator of an affected source may be required to obtain a title V permit from the permitting authority in the State in which the source is located. Emission standards promulgated in this part for area sources will specify whether--

(i) States will have the option to exclude area sources affected by that standard from the requirement to obtain a title V permit (i.e., the standard will exempt the category of area sources altogether from the permitting requirement);

(ii) States will have the option to defer permitting of area sources in that category until the Administrator takes rulemaking action to determine applicability of the permitting requirements; or

(iii) Area sources affected by that emission standard are immediately subject to the requirement to apply for and obtain a title V permit in all States. If a standard fails to specify what the permitting requirements will be for area sources affected by that standard, then area sources that are subject to the standard will be subject to the requirement to obtain a title V permit without deferral. If the owner or operator is required to obtain a title V permit, he or she shall apply for such permit in accordance with part 70 of this chapter and applicable State regulations, or in accordance with the regulations contained in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

(3) [Reserved]

(4) If the owner or operator of an existing source obtains an extension of compliance for such source in accordance with the
provisions of subpart D of this part, the owner or operator shall comply with all requirements of this subpart except those requirements that are specifically overridden in the extension of compliance for that source.

(5) If an area source that otherwise would be subject to an emission standard or other requirement established under this part if it were a major source subsequently increases its emissions of hazardous air pollutants (or its potential to emit hazardous air pollutants) such that the source is a major source that is subject to the emission standard or other requirement, such source also shall be subject to the notification requirements of this subpart.

(d) [Reserved]

(e) Applicability of permit program before a relevant standard has been set under this part. After the effective date of an approved permit program in the State in which a stationary source is (or would be) located, the owner or operator of such source may be required to obtain a title V permit from the permitting authority in that State (or revise such a permit if one has already been issued to the source) before a relevant standard is established under this part. If the owner or operator is required to obtain (or revise) a title V permit, he/she shall apply to obtain (or revise) such permit in accordance with the regulations contained in part 70 of this chapter and applicable State regulations, or the regulations codified in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 315  Source Name: SOURCES CONTROLLED BY SERS

Source Capacity/Throughput:

PROC 315  CNTL C0315  STAC S315

I. RESTRICTIONS.

Emission Restriction(s).

#001 [25 Pa. Code §127.441]  
Operating permit terms and conditions.
Incidental VOC/Styrene emissions from the SERS shall not exceed an aggregate of 1,000 pounds in the 6 month periods January-June and July-December of each year.

For the purposes of this condition, incidental emissions are those emissions associated with the normal or routine operation of the SERS System in a manner consistent with good operating practices that have been approved by the Department.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

#002 [25 Pa. Code §127.441]  
Operating permit terms and conditions.
The condenser's coolant temperature and the LELs on the suction side of the exhauster shall be continuously monitored.

IV. RECORDKEEPING REQUIREMENTS.

#003 [25 Pa. Code §127.441]  
Operating permit terms and conditions.
Records of any incidental VOC emissions associated with the plant air pollution control systems shall be recorded and maintained after each occurrence.

#004 [25 Pa. Code §127.441]  
Operating permit terms and conditions.
In accordance with Plan Approval 04-313-066, Condition #4, the owner/operator shall record condenser's coolant temperature and retain data for 5 years. Records shall be made available for inspection by the Department.

#005 [25 Pa. Code §127.441]  
Operating permit terms and conditions.
In accordance with Plan Approval 04-313-066, Condition #5, the owner/operator shall maintain records of LEL monitored levels of greater than 11,000 ppmv on the suction side of the exhauster; this data shall be retained for 5 years and made available for inspection by the Department.

V. REPORTING REQUIREMENTS.

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

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:  320       Source Name:  D3 DYLENE EQUIPMENT SUBJECT TO MACT
Source Capacity/Throughput:

I.   RESTRICTIONS.

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

II.   TESTING REQUIREMENTS.

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

III.   MONITORING REQUIREMENTS.

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

The owner/operator shall develop, maintain, and operate a Leak Detection and Repair Program (LDAR) for monitoring organic HAP for valves, flanges, pump seals, etc.

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.

# 002    [40 C.F.R. Part 63 NESHAPs for Source Categories §40 C.F.R. 63.1]
Subpart A--General Provisions
Applicability.

All applicable provisions under the MACT General provisions (provided below) for prohibited activities, circumvention, severability, construction and reconstruction, compliance with standards, testing, recordkeeping, and reporting shall be met.

(a) General.

(1) Terms used throughout this part are defined in 63.2 or in the Clean Air Act (Act) as amended in 1990, except that individual subparts of this part may include specific definitions in addition to or that supersede definitions in 63.2.

(2) This part contains national emission standards for hazardous air pollutants (NESHAP) established pursuant to section 112 of the Act as amended November 15, 1990. These standards regulate specific categories of stationary sources that emit (or
SECTION D. Source Level Requirements

have the potential to emit) one or more hazardous air pollutants listed in this part pursuant to section 112(b) of the Act. This section explains the applicability of such standards to sources affected by them. The standards in this part are independent of NESHAP contained in 40 CFR part 61. The NESHAP in part 61 promulgated by signature of the Administrator before November 15, 1990 (i.e., the date of enactment of the Clean Air Act Amendments of 1990) remain in effect until they are amended, if appropriate, and added to this part.

(3) No emission standard or other requirement established under this part shall be interpreted, construed, or applied to diminish or replace the requirements of a more stringent emission limitation or other applicable requirement established by the Administrator pursuant to other authority of the Act (including those requirements in part 60 of this chapter), or a standard issued under State authority.

(4) The provisions of this subpart (i.e., subpart A of this part) apply to owners or operators who are subject to subsequent subparts of this part, except when otherwise specified in a particular subpart or in a relevant standard. The general provisions in subpart A eliminate the repetition of requirements applicable to all owners or operators affected by this part. The general provisions in subpart A do not apply to regulations developed pursuant to section 112(r) of the amended Act, unless otherwise specified in those regulations.

(5) [Reserved]

(6) To obtain the most current list of categories of sources to be regulated under section 112 of the Act, or to obtain the most recent regulation promulgation schedule established pursuant to section 112(e) of the Act, contact the Office of the Director, Emission Standards Division, Office of Air Quality Planning and Standards, U.S. EPA (MD-13), Research Triangle Park, North Carolina 27711.

(7) Subpart D of this part contains regulations that address procedures for an owner or operator to obtain an extension of compliance with a relevant standard through an early reduction of emissions of hazardous air pollutants pursuant to section 112(i)(5) of the Act.

(8) Subpart E of this part contains regulations that provide for the establishment of procedures consistent with section 112(l) of the Act for the approval of State rules or programs to implement and enforce applicable Federal rules promulgated under the authority of section 112. Subpart E also establishes procedures for the review and withdrawal of section 112 implementation and enforcement authorities granted through a section 112(l) approval.

(9) [Reserved]

(10) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.

(11) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, test plan, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.

(12) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in 63.9(i).
(13) Special provisions set forth under an applicable subpart of this part or in a relevant standard established under this part shall supersede any conflicting provisions of this subpart.

(14) Any standards, limitations, prohibitions, or other federally enforceable requirements established pursuant to procedural regulations in this part [including, but not limited to, equivalent emission limitations established pursuant to section 112(g) of the Act] shall have the force and effect of requirements promulgated in this part and shall be subject to the provisions of this subpart, except when explicitly specified otherwise.

(b) Initial applicability determination for this part.

(1) The provisions of this part apply to the owner or operator of any stationary source that--

(i) Emits or has the potential to emit any hazardous air pollutant listed in or pursuant to section 112(b) of the Act; and

(ii) Is subject to any standard, limitation, prohibition, or other federally enforceable requirement established pursuant to this part.

(2) In addition to complying with the provisions of this part, the owner or operator of any such source may be required to obtain an operating permit issued to stationary sources by an authorized State air pollution control agency or by the Administrator of the U.S. Environmental Protection Agency (EPA) pursuant to title V of the Act (42 U.S.C. 7661). For more information about obtaining an operating permit, see part 70 of this chapter.

(3) An owner or operator of a stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants who determines that the source is not subject to a relevant standard or other requirement established under this part, shall keep a record of the applicability determination as specified in 63.10(b)(3) of this subpart.

(c) Applicability of this part after a relevant standard has been set under this part.

(1) If a relevant standard has been established under this part, the owner or operator of an affected source shall comply with the provisions of this subpart and the provisions of that standard, except as specified otherwise in this subpart or that standard.

(2) If a relevant standard has been established under this part, the owner or operator of an affected source may be required to obtain a title V permit from the permitting authority in the State in which the source is located. Emission standards promulgated in this part for area sources will specify whether--

(i) States will have the option to exclude area sources affected by that standard from the requirement to obtain a title V permit (i.e., the standard will exempt the category of area sources altogether from the permitting requirement); and

(ii) States will have the option to defer permitting of area sources in that category until the Administrator takes rulemaking action to determine applicability of the permitting requirements; or

(iii) Area sources affected by that emission standard are immediately subject to the requirement to apply for and obtain a title V permit in all States. If a standard fails to specify what the permitting requirements will be for area sources affected by that standard, then area sources that are subject to the standard will be subject to the requirement to obtain a title V permit without deferral. If the owner or operator is required to obtain a title V permit, he or she shall apply for such permit in accordance with part 70 of this chapter and applicable State regulations, or in accordance with the regulations contained in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

(3) [Reserved]

(4) If the owner or operator of an existing source obtains an extension of compliance for such source in accordance with the...
provisions of subpart D of this part, the owner or operator shall comply with all requirements of this subpart except those requirements that are specifically overridden in the extension of compliance for that source.

(5) If an area source that otherwise would be subject to an emission standard or other requirement established under this part if it were a major source subsequently increases its emissions of hazardous air pollutants (or its potential to emit hazardous air pollutants) such that the source is a major source that is subject to the emission standard or other requirement, such source also shall be subject to the notification requirements of this subpart.

(d) [Reserved]

(e) Applicability of permit program before a relevant standard has been set under this part. After the effective date of an approved permit program in the State in which a stationary source is (or would be) located, the owner or operator of such source may be required to obtain a title V permit from the permitting authority in that State (or revise such a permit if one has already been issued to the source) before a relevant standard is established under this part. If the owner or operator is required to obtain (or revise) a title V permit, he/she shall apply to obtain (or revise) such permit in accordance with the regulations contained in part 70 of this chapter and applicable State regulations, or the regulations codified in this chapter to implement the Federal title V permit program (42 U.S.C. 7661), whichever regulations are applicable.

# 003 [40 CFR Part 63 NESHAPs for Source Categories §40 CFR 63.160]

**Subpart H --National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**

**Applicability and designation of source.**

The affected Polymers and Resins IV affected TPPU shall meet the provision of Subpart H excluding the differences of 40 CFR 63.1331(a)(1)through (a)(13) of this section[40 CFR Part 63]. The provisions are noted below:

(a) The provisions of this subpart apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63.

(b) While the provisions of this subpart are effective, equipment to which this subpart applies that are also subject to the provisions of:

1. 40 CFR part 60 of this chapter, will be required to comply only with the provisions of this subpart.

2. 40 CFR part 61 of this chapter, will be required to comply only with the provisions of this subpart.

3. The provisions in 63.1(a)(3) of subpart A of this part do not alter the provisions in paragraph (b) of this section.

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 325
Source Name: D3 DYLENE EQUIP SUBJECT TO PA 129.71
Source Capacity/Throughput:

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §129.71]
Synthetic organic chemical and polymer manufacturing -- fugitive sources

The MACT standards for leak detection 40 CFR 63.160, and 40 CFR 63.1331 are more stringent than 25 Pa. Code 129.71 with exception of the following requirement:

In accordance with 25 Pa. Code 129.71(c)(2)(v), the leak detection and repair program shall include check, by methods referenced in 139.14, a safety relief valve within 24 hours after it has vented to the atmosphere to assure that the safety relief valve has resealed.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

A weekly inspection for pumps in light liquid service for indication of leaks.

# 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The owner/operator has developed a Leak Detection and Repair Program(LDAR) for monitoring organic HAP for valves, flanges, pump seals, etc.

IV. RECORDKEEPING REQUIREMENTS.

# 004 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Results of the quarterly leak testing for the D3 Dylene leaks monitoring are recorded. Records(log) shall also indicate the repairs and retesting of equipment components found to be leaking.

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: 330  Source Name: D3 DYYLENE COOLING TOWER

No capacity/throughput:

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with 40 CFR 63.402(Cooling Tower MACT), no owner or operator of an industrial process cooling tower shall use chromium-based water treatment chemicals in any affected industrial process cooling tower.

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: 335  Source Name: D3 DYLEN PARTICULATE MATTER SOURCES
Source Capacity/Throughput:

Conditions for this source occur in the following groups: PARTICULATE SOURCES

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:  401  Source Name:  DYLARK PROCESS

Source Capacity/Throughput:  1,000 Lbs/HR

I.  RESTRICTIONS.

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

II.  TESTING REQUIREMENTS.

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

III.  MONITORING REQUIREMENTS.

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

IV.  RECORDKEEPING REQUIREMENTS.

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

V.  REPORTING REQUIREMENTS.

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

VI.  WORK PRACTICE REQUIREMENTS.

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

VII.  ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
## I. RESTRICTIONS.

### Emission Restriction(s).

<table>
<thead>
<tr>
<th>#001</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with RACT Operating Permit #04-000-033, Condition #4, VOC emissions from the Dylark RACT equipment shall not exceed 9 tons in any consecutive 12-month period.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#002</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Incidental VOC emissions from the Dylark Area shall not exceed an aggregate of 1,000 pounds in the 6 month periods, January-June and July-December of each year.</td>
</tr>
</tbody>
</table>

For the purposes of this condition, incidental emissions are those emissions associated with the normal or routine operation of the Dylark Area in a manner consistent with good operating practices that have been approved by the Department.

### 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.

<table>
<thead>
<tr>
<th>#003</th>
<th>Operating permit terms and conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Records of any incidental VOC emissions associated with the plant air pollution control systems shall be recorded and maintained after each occurrence.</td>
</tr>
</tbody>
</table>

### 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).
SECTION D. Source Level Requirements

*** Permit Shield in Effect. ***
I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

**# 001** [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]

Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984

Monitoring of operations.

In accordance with 40 CFR 60.116b(a), the owner or operator shall keep copies of all records required by this section (40 CFR 60.116b), except for the record required by paragraph (b) of this section, for at least 2* years. The record required by paragraph (b) of this section will be kept for the life of the source.

* Please note that the 5 year recordkeeping requirement of 25 Pa Code 127.511(b)(2) supersedes the 2 year NSPS requirement.

**# 002** [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b]

Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984

Monitoring of operations.

In accordance with 40 CFR 60.116b(b), the owner or operator of each storage vessel as specified in 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 m³ is subject to no provision of this subpart other than those required by this paragraph.

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.

**Permit Shield in Effect.**

---

**SECTION D.  Source Level Requirements**

**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.110b]**

**Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984**

**Applicability and designation of affected facility.**

Except as specified in paragraphs (a) and (b) of 60.116b, vessels either with a capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure less than 3.5 kPa or with a capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure less than 15.0 kPa are exempt from the General Provisions (part 60, subpart A) and from the provisions of this subpart.
SECTION D. Source Level Requirements

Source ID: 415  
Source Name: DYLARK PARTICULATE SOURCES

Source Capacity/Throughput:

Conditions for this source occur in the following groups: PARTICULATE SOURCES

PROC 415 ➔ STAC Z415

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: 501          Source Name: D3 EXTRUSION P-20
Source Capacity/Throughput: 1,000 Lbs/HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 505  Source Name: D3 EXTRUSION P20 RACT EQUIPMENT

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).


In accordance with RACT Operating Permit 04-000-033, Condition #4, VOC emissions from the D3 Extrusion P20 RACT equipment shall not exceed 2 tons in any consecutive 12 month period (for this affected RACT equipment).

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. ***
I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>In accordance with Operating Permit 04-313-069A, Condition #7, VOC (Styrene) emissions shall not exceed 0.043 pounds/hour.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>In accordance with Operating Permit 04-313-069A, Condition #8, destruction removal efficiency (DRE) of the P20 Thermal oxidizer system must be maintained to achieve a minimum of 99%.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Incidental VOC emissions from the P20 Thermal Oxidizer System shall not exceed an aggregate of 1,000 pounds in the six month periods, January-June and July-December of each year. For the purposes of this condition, incidental emissions are those emissions associated with the normal or routine operation of the P20 Thermal Oxidizer System in a manner consistent with good operating practices that have been approved by the Department.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>In accordance with Operating Permit 04-313-069A, Condition #5, visible emissions shall not equal or exceed 20% opacity. Compliance with this emission limit ensures compliance with 25 Pa Code 123.41(1) as it is more restrictive.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>In accordance with Operating Permit 04-313-069A, Condition #6, there shall be no visible or audible leaks in the fume collection, destruction, or exhaust gas system.</td>
</tr>
</tbody>
</table>
SECTION D. Source Level Requirements

II. TESTING REQUIREMENTS.

# 008 [25 Pa. Code §127.441]
Operating permit terms and conditions.
Once during the permit term the owner/operator shall conduct stack testing on the Thermal oxidizer to ensure compliance with the styrene mass rate limitation, the particulate emissions and the DRE.

III. MONITORING REQUIREMENTS.

# 009 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit 04-313-069A, Condition #8, the gas temperature at the outlet of the oxidizer shall be continuously monitored, recorded, and maintained at a minimum temperature of 1500 degrees F.

IV. RECORDKEEPING REQUIREMENTS.

# 010 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with Operating Permit 04-313-069A, Condition #8, the oxidizer exhaust temperature records shall be retained for at least 5 years and made available to the Department upon request.

Operating permit terms and conditions.
Records of any incidental VOC emissions associated with the plant air pollution control systems shall be recorded and maintained after each occurrence.

# 012 [25 Pa. Code §127.441]
Operating permit terms and conditions.
Temperature and emission records shall be keep and maintained for one year at the facility. The rest of the 5 years of data may be kept at an off-site location and shall be retrievable within 24 hours of a request from the PADEP.

Operating permit terms and conditions.
The gas temperature at the oxidizer outlet shall be recorded continuously.

# 014 [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.
Compliance with the SOx emission limitation may be demonstrated at a minimum through the use of natural gas records and the most current accepted emission factor. This emission factor can be established on the basis of an accepted industry standard or site-specific stack test data.

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.

# 015 [25 Pa. Code §127.441]
Operating permit terms and conditions.
To ensure continued compliance with the styrene mass rate limitation of 0.043 pounds/hour the oxidizer shall be operated with a combustion temperature above the minimum 1500 degrees F.
SECTION D. Source Level Requirements

# 016 [25 Pa. Code §127.441]
Operating permit terms and conditions.
To ensure compliance with the 99% DRE, the temperature of the thermal oxidizer shall be maintained at or above the minimum temperature at which compliance has been demonstrated.

# 017 [25 Pa. Code §127.441]
Operating permit terms and conditions.
The equipment shall be operated in accordance with the manufacturer’s specifications, where such specifications are available, or in accordance with good operating practices when such specifications are not available, to prevent system leaks.

Presumptive RACT emission limitations
Presumptive RACT emission limitations include the installation, maintenance, and operation of the P20 Oxidizer system in accordance with the manufacturer's specifications.

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:  515          Source Name:  D3 EXTRUSION LINE 2 PARTICULATE SOURCES

Conditions for this source occur in the following groups: PARTICULATE SOURCES

<table>
<thead>
<tr>
<th>PROC</th>
<th>STAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>515</td>
<td>Z515</td>
</tr>
</tbody>
</table>

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: 601  Source Name: D3 EXTRUSION LINES 1,3,4,& SHEET PLANT
Source Capacity/Throughput: 1,000 Lbs/HR

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

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

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

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

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

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

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

*** Permit Shield in Effect. ***
I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with RACT Operating Permit, Condition #4, VOC emissions shall not exceed 7 tons in any consecutive 12 month period (for these affected RACT sources).

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: 610 Source Name: D3 EXTRUSION LINES 1,3,4&SHEET PLNT PART

Source Capacity/Throughput:

Conditions for this source occur in the following groups: PARTICULATE SOURCES

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: 701       Source Name: FIELD STORAGE
Source Capacity/Throughput: 1,000 Lbs/HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 705 Source Name: FIELD STORAGE RACT EQUIPMENT

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td># 001</td>
<td>Operating permit terms and conditions.</td>
</tr>
</tbody>
</table>

In accordance with RACT Operating Permit 04-000-033, Condition #4, Field tanks #6,7,8,9 and Styrene Truck Loading VOC emissions shall not exceed 5 tons in any consecutive 12 month period (for these affected RACT sources).

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: 710  Source Name: N-PENTANE STORAGE SPHERE

Source Capacity/Throughput:

I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th>#001</th>
<th>[25 Pa. Code §129.56]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage tanks greater than 40,000 gallons capacity containing VOCs</strong></td>
<td></td>
</tr>
</tbody>
</table>

No person may permit the placing, storing, or holding in a stationary tank, reservoir, or other container with a capacity greater than 40,000 gallons of any volatile organic compounds with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions unless such tank, reservoir or other container is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere.

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: 715  Source Name: FIELD STORAGE STYRENE TANKS
Source Capacity/Throughput:

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

In accordance with 40 CFR 63.1331(P&R IV MACT Equipment Leak Requirements), except as provided for in paragraphs (b) and (c) of this section[40 CFR 63.1331], the owner or operator of each affected source shall comply with the requirements of Subpart H of this part, with the differences noted in paragraphs (a)(1) through (a)(13) of this section[40 CFR Part 63].

# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.160]
Subpart H--National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Applicability and designation of source.

The affected Polymers and REsins IV affected TPPU shall meet the provision of Subpart H excluding the differences of 40 CFR 63.1331(a)(1) through(a)(13). 40 CFR 63.160 follows:

(a) The provisions of this subpart apply to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63.

(b) While the provisions of this subpart are effective, equipment to which this subpart applies that are also subject to the provisions of:
SECTION D. Source Level Requirements

(1) 40 CFR part 60 of this chapter, will be required to comply only with the provisions of this subpart.

(2) 40 CFR part 61 of this chapter, will be required to comply only with the provisions of this subpart.

(c) The provisions in 63.1(a)(3) of subpart A of this part do not alter the provisions in paragraph (b) of this section.

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 801  Source Name: GENERAL PLANT EQUIPMENT

Source Capacity/ Throughput: 1,000 Lbs/ HR

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION D. Source Level Requirements

Source ID: 805  Source Name: GENERAL PLANT RACT SOURCES
Source Capacity/Throughput:

Conditions for this source occur in the following groups: RACT SOURCES

I. RESTRICTIONS.

Emission Restriction(s).

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In accordance with RACT Operating Permit 04-000-033, Condition #4, the General Plan Sources VOC emissions shall not exceed 3 tons in any consecutive 12 month period (for the affected RACT sources).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#002</th>
<th>[25 Pa. Code §129.61] Small gasoline storage tank control (Stage 1 control)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The dispensing delivery tank shall remain vapor tight at all times.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#003</th>
<th>[25 Pa. Code §129.61] Small gasoline storage tank control (Stage 1 control)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gasoline may not be transferred from a delivery vessel into a stationary gasoline storage tank unless the displaced vapors from the storage tank are transferred to the dispensing delivery tank through a vapor tight return line and unless the receiving tank is equipped with a submerged fill pipe which extends from the filling orifice to within 6 inches of the bottom of the tank. The vapors collected in the dispensing tank shall be disposed of in accordance with 129.59 or 129.60(c).</td>
</tr>
</tbody>
</table>

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: 810  Source Name: LARGE MAINT. BURN OVEN

Conditions for this source occur in the following groups: MAINTENANCE BURN OVENS
NATURAL GAS COMBUSTION SOURCES

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: 815  Source Name: SMALL MAINT. BURN OVEN

Source Capacity/Throughput:

Conditions for this source occur in the following groups: MAINTENANCE BURN OVENS
NATURAL GAS COMBUSTION SOURCES

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: 900  Source Name: SWING REACTORS-D3 EPS PRODUCTION

Source Capacity/Throughput: 

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

*** Permit Shield in Effect. ***
SECTION E. Source Group Restrictions.

Group Name: MAINTENANCE BURN OVENS
Group Description: Maintenance Burn Oven
Sources included in this group:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>810</td>
<td>LARGE MAINT. BURN OVEN</td>
</tr>
<tr>
<td>815</td>
<td>SMALL MAINT. BURN OVEN</td>
</tr>
</tbody>
</table>

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §123.12]

**Incinerators**

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

II. TESTING REQUIREMENTS.

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.


**Monitoring and related recordkeeping and reporting requirements.**

The incinerators shall be operated and maintained in accordance with the manufacturer's specifications which results in compliance with the PM allowable for incinerators.

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: NATURAL GAS COMBUSTION SOURCES
Group Description: Natural Gas Combustion Sources
Sources included in this group:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>D3 &amp; D4 EQUIPMENT CONTROLLED BY PERS</td>
</tr>
<tr>
<td>810</td>
<td>LARGE MAINT. BURN OVEN</td>
</tr>
<tr>
<td>815</td>
<td>SMALL MAINT. BURN OVEN</td>
</tr>
</tbody>
</table>

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code § 123.21]
General
No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

Monitoring and related recordkeeping and reporting requirements.
Compliance with the SOx emission limitation may be demonstrated at a minimum through the use of natural gas records and the most current accepted emission factor. This emission factor can be established on the basis of an accepted industry standard or site-specific stack test data.

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: PARTICULATE SOURCES
Group Description: Particulate Sources subject to 123.13
Sources included in this group:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>D3 EPS &amp; D4 EPS PART. MATTER SOURCES</td>
</tr>
<tr>
<td>225</td>
<td>D2 PROCESSES PARTICULATE SOURCES</td>
</tr>
<tr>
<td>335</td>
<td>D3 DYLENE PARTICULATE MATTER SOURCES</td>
</tr>
<tr>
<td>415</td>
<td>DYLARK PARTICULATE SOURCES</td>
</tr>
<tr>
<td>515</td>
<td>D3 EXTRUSION LINE 2 PARTICULATE SOURCES</td>
</tr>
<tr>
<td>610</td>
<td>D3 EXTRUSION LINES 1,3,4&amp;SHEET PLNT PART</td>
</tr>
</tbody>
</table>

I. RESTRICTIONS.

Emission Restriction(s).

# 001 [25 Pa. Code §123.13]

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

# 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.
All filters, cyclones, filter receivers, and other miscellaneous particulate control devices shall be operated and maintained in accordance with manufacturer's specifications to achieve particulate matter emission limitations.

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: RACT SOURCES
Group Description: RACT Sources

Sources included in this group:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>105</td>
<td>D3 AND D4 EPS EQUIPMENT SUBJECT TO RACT</td>
</tr>
<tr>
<td>205</td>
<td>D2 PROCESSES-RACT EQUIPMENT</td>
</tr>
<tr>
<td>305</td>
<td>D3 DYLENE RACT EQUIPMENT</td>
</tr>
<tr>
<td>405</td>
<td>DYLARK RACT EQUIPMENT</td>
</tr>
<tr>
<td>505</td>
<td>D3 EXTRUSION P20 RACT EQUIPMENT</td>
</tr>
<tr>
<td>605</td>
<td>D3 EXTRUSION LINES 1,3,4&amp; SHEET PLT RACT</td>
</tr>
<tr>
<td>705</td>
<td>FIELD STORAGE RACT EQUIPMENT</td>
</tr>
<tr>
<td>805</td>
<td>GENERAL PLANT RACT SOURCES</td>
</tr>
</tbody>
</table>

I. RESTRICTIONS.

Emission Restriction(s).

#001 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with RACT Operating Condition #3, the total facility wide VOC emissions shall not exceed 468 tons in any consecutive 12 month period (for the affected RACT equipment).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

#002 [25 Pa. Code §127.441]
Operating permit terms and conditions.
In accordance with RACT Operating Permit #04-000-033, Condition #5(b), the owner/operator shall utilize a Department approved parametric monitoring plan to accurately determine compliance. Any changes or alterations to the monitoring plan shall obtain prior written approval from the Department.

#003 [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.
In accordance with RACT Operating Condition #3(c), the monitoring as proposed in the RACT Plan Proposal is hereby approved. The owner/operator shall obtain prior written approval for any changes to this monitoring plan.

IV. RECORDKEEPING REQUIREMENTS.

#004 [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.
In accordance with RACT Operating Condition #3(a), the owner/operator shall maintain records in accordance with 25 Pa Code 129.95 to demonstrate compliance with the limits established in the RACT Proposal.

#005 [25 Pa. Code §129.95]
Recordkeeping
(a) The owner and operator of a major NOx emitting facility or a major VOCs emitting facility shall keep records to demonstrate compliance with 129.91 -- 129.94.

(b) The records shall provide sufficient data and calculations to clearly demonstrate that the requirements of 129.91 -- 129.94 are met.

(c) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
SECTION E. Source Group Restrictions.

(d) The records shall be retained for at least 2 years and shall be made available to the Department on request.

(e) An owner or operator claiming that a facility is exempt from the RACT requirements of 129.91 -- 129.94, based on the facility’s potential to emit, shall maintain records that clearly demonstrate to the Department that the facility or source is not subject to 129.91 -- 129.94.

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.


In accordance with RACT Operating Condition #3,

(a) The RACT Approval and Operating Permit is for the operation of VOC emissions sources subject to 25 Pa Code 129.91, and located at NOVA Chemicals, Inc. Beaver Valley Plant, Beaver County, Monaca, PA as identified in the RACT proposal submitted on June 19, 1995 and amended January 24, 2001.

(b) In accordance with 25 Pa Code 127.25, a person may not cause or permit the operation of a source subject to 25 Pa Code 127.11 (relating to Plan Approval Requirements), unless the source and air cleaning devices identified in the application for the Plan Approval and the Plan Approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the Plan Approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

(c) For the purposes of this permit condition, that is 3(a) (referenced above), the specifications in the application for RACT Plan Approval and Operating Permit 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 RACT Operating Permit.

*** Permit Shield in Effect. ***
SECTION F. Alternative Operation Requirements.

Alternative Operation Name: OPERATION IN RCO MODE

#001 CHANGES FROM NORMAL OPERATION

NOVA has been authorized to operate this Thermal Oxidizer in two modes: either as a Regenerative Thermal Oxidizer (RTO) unit or a Regenerative Catalytic Oxidizer (RCO) unit in order to maintain the required destruction efficiency of 97%. The first mode, RTO, was the original mode approved under Plan Approval PA-04-313-065A and stack testing demonstrated compliance with this destruction efficiency at a minimum operating temperature of 1200 degrees F. The second mode, RCO, operates with a catalyst and demonstrated compliance with and exceeded the minimum destruction efficiency of 97% while operating at a set point of 850 degrees F. The minimum operating temperature for the RCO based on the set point of 850 degrees F data is 750 degrees F.

Sources included in this Alternative Operation:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Source Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>THERMAL OXIDIZER (RCO/ RTO) G-4625</td>
<td>Air Pollution Control</td>
</tr>
</tbody>
</table>

I. RESTRICTIONS.

Emission Restriction(s).

| #002 | [25 Pa. Code §127.441] Operating permit terms and conditions. When operating the RCO with inlet VOC concentrations equal to or below 1000 ppm, the outlet VOC emissions shall not exceed 30 ppm. |
| #003 | [25 Pa. Code §127.441] Operating permit terms and conditions. In order to maintain the destruction efficiency, the temperatures of the RCO may be increased to compensate for catalyst performance deterioration. |
| #004 | [25 Pa. Code §127.441] Operating permit terms and conditions. When operating the RCO with inlet VOC concentrations greater than 1000 ppm, a destruction efficiency of 97% or greater shall be maintained. |

II. TESTING REQUIREMENTS.

| #006 | [25 Pa. Code §127.441] Operating permit terms and conditions. Periodic stack testing, no less than once during the permit term, shall be conducted to determine compliance with the destruction efficiency. |

III. MONITORING REQUIREMENTS.

| #007 | [25 Pa. Code §127.441] Operating permit terms and conditions. Periodic testing of the catalyst shall be conducted to determine appropriate catalyst performance. |

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).
SECTION F. Alternative Operation 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).
SECTION F. Alternative Operation Requirements.

Alternative Operation Name: PERS DIRECT FIRED OXIDIZER

**#001 CHANGES FROM NORMAL OPERATION**

IN THE EVENT THE RTO IS NOT OPERATIONAL THE DFTO SHALL BE USED.

Sources included in this Alternative Operation:

<table>
<thead>
<tr>
<th>ID</th>
<th>Name</th>
<th>Source Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>D3 &amp; D4 EQUIPMENT CONTROLLED BY PERS</td>
<td>Process</td>
</tr>
</tbody>
</table>

Alternative Operation Map:

```
PROC 110 → CNTL C0110 → CNTL C0112 → STAC S112
```

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.

#008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The DFTO shall be operated pursuant to work practice standards approved by the Department.

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 G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.
SECTION H. Miscellaneous.

Please see Attachment A for a detailed listing of all sources that make up a process line.

Please see Attachment B for a detailed listing of all insignificant sources at the facility.

Please see Attachment C for sources of minor significance.
***** End of Report *****