



*Commonwealth of Virginia*

***VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY***

PIEDMONT REGIONAL OFFICE  
4949-A Cox Road, Glen Allen, Virginia 23060  
(804) 527-5020  
[www.deq.virginia.gov](http://www.deq.virginia.gov)

Travis A. Voyles  
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus  
Director  
(804) 698-4020

Jerome A. Brooks  
Regional Director

July 17, 2023

Ms. Lourdes Meléndez  
Plant Manager  
DuPont Polymer Products, LLC  
5203 DuPont Site Road  
Richmond, VA 23234

Location: Chesterfield County  
Registration No.: 53065

Dear Ms. Meléndez:

Attached is an administrative amendment to the Title V permit issued to DuPont Specialty Products USA, LLC – Spruance Plant (Permit No. PRO50397) which separates the federally-applicable requirements for the Zytel® process area into a separate permit. The Title V permit allows DuPont Polymer Products, LLC to operate the facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning July 17, 2023.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on May 23, 2023.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve DuPont Polymer Products, LLC of the responsibility to comply with all other local, state, and federal permit regulations.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the DEQ within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

Director  
Department of Environmental Quality  
P. O. Box 1105  
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the regional office at (804) 527-5020.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Kyle', with a long horizontal flourish extending to the right.

James E. Kyle, P.E.  
Regional Air Permit Manager

JEK/clm/53065-01 DuPont Polymer Products, LLC Title V Permit.docx

Attachment: Permit

cc: Manager/Inspector – Air Compliance (electronic file submission)



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**Federal Operating Permit**

**Article 1**

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name: DuPont Polymer Products, LLC  
Facility Name: Richmond Zytel® Plant  
Facility Location: 52303 DuPont Site Road, Richmond, VA 23234  
Registration Number: 53065  
Permit Number: PRO-53065

This permit includes the following programs:

**Federally Enforceable Requirements - Clean Air Act**

December 15, 2022  
Effective Date

July 17, 2023  
Amendment Date

December 14, 2027  
Expiration Date

Regional Air Permit Manager

July 17, 2023  
Amendment Signature Date

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## **Facility Information**

### **Permittee**

DuPont Polymer Products, LLC  
5203 DuPont Site Road  
Richmond, VA 23234

### **Responsible Official**

Ms. Lourdes Meléndez  
Plant Manager

### **Facility**

Richmond Zytel® Plant  
5203 DuPont Site Road  
Richmond, VA 23234

### **Contact Person**

Ms. Donna Wirick  
Environmental Consultant  
(804) 240-7166

County-Plant Identification Number: 51-041-53065

Facility Description: NAICS 525211 -The facility manufactures Zytel® polymer.

## Emission Units

Process Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
ZYE01A	ZYS01-A	Commercial Lines 1-2 Salt Preparation including primary reactor and miscellaneous tanks	42.25 Zytel® Polymerization Units/hr	N/A	N/A	N/A	N/A
ZYE01B	ZYS01-B	Commercial Line 3 (I-ITN®) Salt Preparation including primary reactor, miscellaneous tanks and TA storage silo	20.3 Zytel® Polymerization Units/hr	N/A	N/A	N/A	August 6, 2019
ZYE02	ZYS02-04	Commercial Line 1 including: additive extruder, extruder feed hopper, melt tank, separators, dies, cooler/dryer, mixer and distearate dump station	7.0 Zytel® Polymerization Units/hr	Fabric filter	ZYC01	PM	N/A
ZYE03	ZYS05-06	Commercial Line 2 including: separators, dies and cooler/screener	7.0 Zytel® Polymerization Units/hr	Fabric filter	ZYC01	PM	N/A
ZYE04	ZYS08-09	Commercial Line 3 (HTN®) including: finishers, dies and cooler/screener	1.25 Zytel® Polymerization Units/hr	Fabric filter Cyclone Separator	ZYC01 ZYC02	PM PM	August 6, 2019
ZYE06	ZYS15-18	Product Storage Silos (5) with a total of four vents	84.5 Zytel® Product Units	Fabric filter	ZYC01	PM	August 6, 2019
ZYE07	ZYS23-26	Packaging: truck, railcar, sealand container, box and bag loading	84.5 Zytel® Product Units	Fabric filter	ZYC01	PM	August 6, 2019
ZYE08-10	ZYS27	Dowtherm® Vaporizers (3)	14.5 MMBtu/hr heat input each	N/A	N/A	N/A	N/A
ZYE11	ZYS27	Dowtherm® Vaporizer VAP-3R	20 MMBtu/hr	N/A	N/A	N/A	N/A
ZYE13	ZYS28	TPA Solids Unloading	25,000 Zytel® TPA Solids Unloading Units	N/A	N/A	N/A	August 6, 2019
ZYE14	ZYS29	Line 3 Reflux Level Pot	625 Zytel® MPMD Storage Units	Zytel® Environmental Abatement Facility (EAF) Scrubber	ZYC03	VOC	August 6, 2019
ZYT01	N/A	Diamine Storage tank	2,500,000 Zytel® Diamine Storage Units	N/A	N/A	N/A	August 6, 2019
ZYT02-07	N/A	Dowtherm Storage tanks (6)	2 – 1,486 gal 2 – 983 gal 1 – 4,000 gal 1 – 3,600 gal	N/A	N/A	N/A	N/A

<b>Emission Unit ID</b>	<b>Stack ID</b>	<b>Emission Unit Description</b>	<b>Size/Rated Capacity*</b>	<b>Pollution Control Device (PCD) Description</b>	<b>PCD ID</b>	<b>Pollutant Controlled</b>	<b>Applicable Permit Date</b>
ZYT08	N/A	MPMD Storage Tank	125,000 Zytel® MPMD Storage Units	N/A	N/A	N/A	August 6, 2019
ZYT09-10	N/A	Salt Make-Up & Storage (2)	2 @ 450,000 Zytel® Salt Make-Up & Storage Units	N/A	N/A	N/A	August 6, 2019
ZYT11	N/A	Diamine/MPMD Blend Tank	12,500 Zytel® MPMD Storage Units	N/A	N/A	N/A	N/A
ZYT12	N/A	3-MP Storage Tank	25,000 Zytel® MPMD Storage Units	N/A	N/A	N/A	August 6, 2019
ZYT13	N/A	Amine Storage Tank	21,250 Zytel® MPMD Storage Units	N/A	N/A	N/A	August 6, 2019

\*The Size/Rated capacity and PCD efficiency is provided for informational purposes only and is not an applicable requirement.

## Zytel® Process Area

### Limitations

1. **Process Equipment - Zytel® Process Area – Limitations** – Volatile Organic Compound emissions from the following equipment shall be controlled by the Zytel® Environmental Abatement Facility (EAF) Scrubber (ZYC 03):

ZYE 14 – Line 3 Reflux Level Pot

The scrubber shall be operated such that it will maintain a VOC reduction efficiency of at least 95%. The scrubber shall be provided with adequate access for inspection and shall be in operation, except for periods of scheduled maintenance as allowed by any applicable RCRA regulation up to a maximum of 240 hours per year, when any of the equipment specified in this condition is operating.  
(9VAC 5-80-110 and Condition 1 of 8/6/2019 Permit)

2. **Process Equipment - Zytel® Process Area – Limitations** – The Zytel® EAF Scrubber (ZYC 03) shall be operated such that at all times of required operation, the scrubber liquid (water) flow rate is equal to or greater than 1.0 gallons per minute and the scrubber outlet gas temperature is equal to or less than 62 °C.  
(9VAC 5-80-110 and Condition 2 of 8/6/2019 Permit)
3. **Process Equipment - Zytel® Process Area – Limitations** – Zytel® Continuous Polymerization Line 3 shall produce no more than 14,484 Zytel® Polymerization Units per year, calculated monthly as the sum of each consecutive 12-month period.  
(9VAC 5-80-110 and Condition 5 of 8/6/2019 Permit)
4. **Process Equipment - Zytel® Process Area – Limitations** – Zytel® Continuous Polymerization Line 3 shall be operated such that the temperature at the Line 3 Reflux Level Pot (ZYE 14) does not exceed 80 °C as a three hour average.  
(9VAC 5-80-110 and Condition 6 of 8/6/2019 Permit)
5. **Process Equipment - Zytel® Process Area – Limitations** – Emissions from the operation of Line 3 Reflux Level Pot (ZYE 14), as exhausted from the Zytel® EAF Scrubber (ZYC 03), shall not exceed the limitations specified below:

VOC	0.8 lbs/hr	3.6 tons/yr
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Compliance with these emission limits shall be determined as stated in Conditions 1-4, 10-12, and 16.  
(9VAC 5-80-110 and Condition 7 of 8/6/2019 Permit)

6. **Process Equipment - Zytel® Process Area – Limitations** – The Dowtherm® operations in the Zytel® process area shall institute fugitive leak detection and repair (LDAR) procedures to correspond with the standards of 40 CFR 60 Subpart VV with two exceptions; the facility shall not be subject to the reporting requirements in 60.487 and equipment shall be considered to be leaking when a reading above 500 ppm of VOC is obtained using an approved measurement technique. Records shall be maintained at the facility in accordance with 60.486 and shall be submitted to the Piedmont Regional Office on request.  
(9VAC 5-80-110 and Condition E.12 of 5/30/1996 RACT Agreement)



7. **Process Equipment - Zytel® Process Area – Limitations** – Emissions from the operation of Dowtherm® vaporizers ZYE 08-11 shall not exceed the limits specified below:

Particulate Matter            0.372 lbs/MMBtu

Sulfur Dioxide                2.64 lbs/MMBtu

(9VAC 5-80-110, 9VAC 5-50-10 D, 9VAC 5-40-900 and 9VAC 5-40-930)

8. **Process Equipment - Zytel® Process Area – Limitations** – Visible emissions from the Dowtherm® vaporizers ZYE 08-11 shall not exceed 20 percent opacity, except for one six minute period in any one hour of not more than 30 percent opacity. Failure to meet the requirements of this condition because of the presence of water vapor shall not be a violation of this section.  
 (9VAC 5-80-110 and 9VAC 5-50-80)
9. **Fuel Burning Equipment Requirements (emission unit ID #ZYE08 through ZYE11) – Limitations – MACT Subpart DDDDD Requirements** - Except where this permit is more restrictive than the applicable requirement, the permittee shall operate in compliance with all applicable requirements of 40 CFR 63 (MACT), Subpart DDDDD National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters. The permittee shall be in compliance with the provisions of 40 CFR 63, Subpart A, except as noted in Table 10 to Subpart DDDDD of Part 63.

Citation	Requirement
40 CFR 63.7500(a)(3)(e) and Table 3 to Subpart DDDDD of Part 63	Work Practice Standards
40 CFR 63.7545	Notification requirements
40 CFR 63.7550(b)	Reporting requirements
40 CFR 63.7555(a)	Recordkeeping requirements
Table 10 to Subpart DDDDD of Part 63	Applicability of General Provisions to Subpart DDDDD

(9VAC 5-80-110 and 40 CFR 63 Subparts A and DDDDD)

## Monitoring

10. **Process Equipment - Zytel® Process Area – Monitoring** – The Zytel® EAF Scrubber (ZYC 03) shall be equipped with a scrubber liquid (water) flow meter and a scrubber outlet gas temperature monitor. The flow meter and temperature monitor shall be installed in accessible locations and shall be maintained by the permittee such that they are in proper working order at all times (except for periods of required maintenance and calibration).  
 (9VAC 5-80-110 and Condition 3 of the 8/6/2019 Permit)
11. **Process Equipment - Zytel® Process Area – Monitoring** – To ensure good performance, the Zytel® EAF Scrubber (ZYC 03) liquid flow meter and outlet gas temperature monitor shall be observed by the permittee with a frequency of not less than once per shift. The permittee shall keep a log of the observations required by this condition and any related corrective actions.  
 (9VAC 5-80-110 and Condition 4 of the 8/6/2019 Permit)
12. **Process Equipment - Zytel® Process Area - Monitoring** – The Line 3 Reflux Level Pot (ZYE 14) shall be equipped with a temperature monitor. The temperature monitor shall be installed in an accessible location and shall be maintained by the permittee such that it is in proper working order at all times (except for periods of required maintenance and calibration) the process is in operation.  
 (9VAC 5-80-110 and Condition 6 of the 8/6/2019 Permit)

13. **Process Equipment - Zytel® Process Area – Monitoring** – Each emission unit subject to Condition 8 shall be observed visually at least once each operating month for at least a brief time period to determine which emissions units have normal visible emissions (does not include condensed water vapor/steam), unless a 40 CFR 60 Appendix A Method 9 visible emissions evaluation is performed on the emissions unit. Each emissions unit observed having above-normal visible emissions shall be followed up with a 40 CFR 60 Appendix A Method 9 visible emissions evaluation unless the visible emission condition is corrected as expeditiously as possible and recorded, and the cause and corrective measures taken are recorded.  
(9VAC 5-80-110)

## Recordkeeping

14. **Process Equipment - Zytel® Process Area – Recordkeeping** – The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Piedmont Regional Office. These records shall include, but are not limited to:
- Monthly and annual production of Zytel® from Zytel® Continuous Polymerization Line 3, annual throughputs shall be calculated monthly as the sum of each consecutive 12-month period.
  - Records of each occasion the 3-hour average temperature at the inlet to Line 3 Reflux Level Pot (ZYE 14) exceeded the requirement of Condition 4.
  - Logs of the scrubber operating parameters observations as required by Condition 11.
  - Leak detection in repair records in accordance with 40 CFR 60 Subpart VV (40 CFR 60.486).
  - The emission factors used to calculate the emissions of each pollutant with an emission limitation in Condition 7.
  - The results of the monthly visible emission surveys required by Condition 13 and details of any corrective action taken as a result of these inspections.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.  
(9VAC 5-80-110, Condition E.12 of 5/30/1996 RACT Agreement and Condition 12 of the 8/6/2019 Permit)

## Reporting

15. **Process Equipment - Zytel® Process Area – Reporting** – The permittee shall report the results of any 40 CFR Part 60 Method 9 opacity test performed as a result of Condition 13. If the test indicates the facility is out of compliance with the standard contained in Condition 8, the source shall also report the length of time associated with any exceedance of the standard and the corrective actions taken to correct the exceedance. This report shall be sent to the Piedmont Regional Office within seven days of the applicable test unless otherwise noted in Condition 25.  
(9VAC 5-80-110)
16. **Process Equipment - Zytel® Process Area - Reporting** – The permittee shall report, within 4 business hours, any occasion where the 3-hour average temperature at the Line 3 Reflux Level Pot (ZYE 14) exceeds 80 °C. The report shall include the duration of the excursion and any corrective action taken.  
(9VAC 5-80-110 and Condition 6 of the 8/6/2019 Permit)

## Permit Shield & Inapplicable Requirements

17. **Permit Shield & Inapplicable Requirements** - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
40 CFR 60, Subpart VV	Standards of Performance for Equipment Leaks of VOC in the SOCMCI Industry	The Richmond Zytel® Plant is not a SOCMCI facility
40 CFR 60, Subpart VVa	Standards of Performance for Equipment Leaks of VOC in the SOCMCI Industry	The Richmond Zytel® Plant is not a SOCMCI facility

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act or (ii) the DEQ pursuant to §10.1-1307.3 or §10.1-1315 of the Virginia Air Pollution Control Law.  
(9VAC5-80-110 and 9VAC5-80-140)

## Insignificant Emission Units

18. The following emission units at the facility are identified in the application as insignificant emission units under 9VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9VAC 5-80-720 B)	Rated Capacity (9VAC 5-80-720 C)
ZYE15	Adipic Acid Unloading System	9VAC 5-80-720 B	PM/PM10	N/A
ZYTAA	Zytel Acetic Acid Tank	9VAC 5-80-720 B	VOC	N/A

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC 5-80-110.  
(9VAC 5-80-110)

## General Conditions

19. **General Conditions - Federal Enforceability** - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.  
(9VAC5-80-110)
20. **General Conditions - Permit Expiration**
- a. This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent

with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

- b. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.
- c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the DEQ takes final action on the application under 9VAC5-80-150.
- d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.
- e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the DEQ fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.
- f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application.

(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)

21. **General Conditions -Recordkeeping and Reporting** - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:
- a. The date, place as defined in the permit, and time of sampling or measurements;
  - b. The date(s) analyses were performed;
  - c. The company or entity that performed the analyses;
  - d. The analytical techniques or methods used;
  - e. The results of such analyses; and
  - f. The operating conditions existing at the time of sampling or measurement.

(9VAC5-80-110)

22. **General Conditions -Recordkeeping and Reporting** - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
- (9VAC5-80-110)

23. **General Conditions -Recordkeeping and Reporting** - The permittee shall submit the results of monitoring contained in any applicable requirement to the DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:
- a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and
  - b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:
    - i. Exceedances of emissions limitations or operational restrictions;
    - ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,
    - iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.
  - c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semiannual reporting period."

(9VAC5-80-110)

24. **General Conditions - Annual Compliance Certification** - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to the Environmental Protection Agency (EPA) and the DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a) (3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:
- a. The time period included in the certification. The time period to be addressed is January 1 to December 31;
  - b. The identification of each term or condition of the permit that is the basis of the certification;
  - c. The compliance status;
  - d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;
  - e. Consistent with subsection 9VAC5-80-110, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;
  - f. Such other facts as the permit may require to determine the compliance status of the source; and

- g. One copy of the annual compliance certification shall be submitted to the EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3\_APD\_Permits@epa.gov

(9VAC5-80-110)

25. **General Conditions - Permit Deviation Reporting** - The permittee shall notify the Piedmont Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semiannual compliance monitoring report pursuant to Condition 23 of this permit.  
(9VAC5-80-110 F. 2)
26. **General Conditions - Failure/Malfunction Reporting** - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Piedmont Regional Office of such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Piedmont Regional Office.  
(9VAC5-80-110 and 9VAC5-20-180)
27. **General Conditions - Severability** - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.  
(9VAC5-80-110)
28. **General Conditions - Duty to Comply** - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.  
(9VAC5-80-110)
29. **General Conditions - 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.  
(9VAC5-80-110)
30. **General Conditions - Permit Modification** - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.  
(9VAC80-110, 9VAC5-80-190, and 9VAC5-80-260)
31. **General Conditions - Property Rights** - The permit does not convey any property rights of any sort, or any exclusive privilege.  
(9VAC5-80-110)

32. **General Conditions - Duty to Submit Information** - The permittee shall furnish to the DEQ, within a reasonable time, any information that the DEQ 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. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality.  
(9VAC5-80-110)
33. **General Conditions - Duty to Submit Information** - Any document (including reports) required in a permit condition to be submitted to the DEQ shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.  
(9VAC5-80-110)
34. **General Conditions - Duty to Pay Permit Fees** - The owner of any source for which a permit was issued under 9VAC5-80-50 through 9VAC5-80-300 shall pay annual emissions fees, as applicable, consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 and annual maintenance fees, as applicable, consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350.  
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)
35. **General Conditions - Fugitive Dust Emission Standards** - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
  - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
  - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;
  - d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,
  - e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.
- (9VAC5-80-110 and 9VAC5-50-90)
36. **General Conditions - Startup, Shutdown, and Malfunction** - At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the DEQ, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.  
(9VAC5-80-110 and 9VAC5-50-20 E or 9VAC5-40-20 E)

37. **General Conditions - Alternative Operating Scenarios** - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.

(9VAC5-80-110)

38. **General Conditions - Inspection and Entry Requirements** - The permittee shall allow the DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

- a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
- b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
- d. Sample or monitor at reasonable times' substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9VAC5-80-110)

39. **General Conditions - Reopening for Cause** - The permit shall be reopened by the DEQ if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:

- a. The permit shall be reopened if the DEQ or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- b. The permit shall be reopened if the administrator or the DEQ determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- c. The permit shall not be reopened by the DEQ if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

(9VAC5-80-110)

40. **General Conditions - Permit Availability** - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to the DEQ upon request.

(9VAC5-80-110 and 9VAC5-80-150)



**41. General Conditions - Transfer of Permits**

- a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.
- b. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the DEQ of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.
- c. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the DEQ of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-110 and 9VAC5-80-160)

- 42. General Conditions - Permit Revocation or Termination for Cause** - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The DEQ may suspend, under such conditions and for such period of time as the DEQ may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.  
(9VAC5-80-110, 9VAC5-80-190 C, and 9VAC5-80-260)

- 43. General Conditions - Duty to Supplement or Correct Application** - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.  
(9VAC5-80-110 and 9VAC5-80-80 E)

- 44. General Conditions - Stratospheric Ozone Protection** - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.  
(9VAC5-80-110 and 40 CFR Part 82)

- 45. General Conditions - Asbestos Requirements** - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).  
(9VAC5-60-70 and 9VAC5-80-110)

- 46. General Conditions - Accidental Release Prevention** - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.  
(9VAC5-80-110 and 40 CFR Part 68)

- 47. General Conditions - Changes to Permits for Emissions Trading** - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.  
(9VAC5-80-110)

48. **General Conditions - Emissions Trading** - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:
- a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.
  - b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.
  - c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

(9VAC5-80-110)