



Commonwealth of Virginia
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE
4949-A Cox Road, Glen Allen, Virginia 23060
(804) 527-5020 FAX (804) 698-4178
www.deq.virginia.gov

Travis A. Voyles
Acting Secretary of Natural and Historic Resources

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

Jerome A. Brooks
Regional Director

January 24, 2023

Mr. David B. Knudson
General Manager
Altria Compounds LLC
2325 Bells Road
Richmond, VA 23234

Location: Richmond City
Registration No.: 52467

Dear Mr. Knudson:

Attached is an initial Title V permit to operate your 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 February 1, 2023.

In the course of evaluating the application and arriving at a final decision to issue the permit, the Department of Environmental Quality deemed the application complete on September 15, 2021 and solicited written public comments by placing a newspaper advertisement in the Richmond Times-Dispatch newspaper on December 15, 2022. The thirty-day required comment period, provided for in 9VAC5-80-270 expired on January 17, 2023.

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

This approval to operate does not relieve Altria Compounds 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 Board 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 Alison Sinclair at (804) 489-1008.

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/AMS/52467_04_2022 Altria Compounds TV.docx

Attachments: Permit

cc: Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III
Inspector, Air Compliance (electronic file submission)



Commonwealth of Virginia
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE
4949-A Cox Road, Glen Allen, Virginia 23060
(804) 527-5020 FAX (804) 698-4178
www.deq.virginia.gov

Travis A. Voyles
Acting Secretary of Natural and Historic Resources

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

Jerome A. Brooks
Regional Director

**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: Altria Compounds LLC
Facility Name: Altria Compounds LLC
Facility Location: 2325 and 2365 Bells Road
Richmond, Virginia 23234
Registration Number: 52467
Permit Number: PRO52467

This permit includes the following programs: Federally Enforceable Requirements – Clean Air Act

February 1, 2023
Effective Date

January 31, 2028
Expiration Date

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

Table of Contents, Page *i*.
Permit Conditions, pages 3 through 23

Table of Contents

FACILITY INFORMATION	1
EMISSION UNITS	2
PROCESS EQUIPMENT REQUIREMENTS – STLFP – DMW (INCLUDING PK0101ACL)	3
PROCESS EQUIPMENT REQUIREMENTS (STLFP-DMW, LCT-DMW)	6
FUEL-BURNING EQUIPMENT REQUIREMENTS – GENERATOR (EG0101-F)	10
FACILITY WIDE REQUIREMENTS	14
INSIGNIFICANT EMISSION UNITS	15
PERMIT SHIELD & INAPPLICABLE REQUIREMENTS.....	15
GENERAL CONDITIONS.....	16

Facility Information

Permittee

Altria Compounds LLC
2325 Bells Road
Richmond, VA 23234

Responsible Official

Mr. David B. Knudson
General Manager

Facility

Altria Compounds LLC
2325 and 2365 Bells Road
Richmond, VA 23234

Contact Person

Mr. Maurice Chemweno
Manager, Environmental Engineering, Altria Client Services
(804) 335-2493

County Plant Identification Number: 51-760-52467

Facility Description: All other basic organic chemical manufacturing – NAICS 325199

Altria Compounds LLC manufactures components for the smokeless tobacco-leaf-free products (STLFP). Ethanol and dry flavor ingredients are processed and the components are then sized and packaged. Additionally, the facility has a diesel generator (EG0101-F).

The facility operates under two minor NSR permits issued on August 20, 2020 (as amended April 23, 2021 and December 6, 2022) and August 30, 2021. The facility is part of the Title V major source consisting of the following additional product manufacturing facilities: Philip Morris USA Manufacturing Center (#50076), John Middleton Co. (#52608), and US Smokeless Tobacco (#52609), which are all owned by Altria Group Inc. and co-located along Bells Road/Commerce Road in Richmond, Virginia. Altria has requested that each company be permitted and registered separately, so each facility will be issued a separate Title V permit for the applicable requirements at their company.

Emission Units

Equipment to be operated consists of:

Equipment included in the Smokeless Tobacco Leaf-free Process (STLFP)

Emission Unit ID	Stack ID	Emission Unit Description (year of construction)	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
LCT-DMW	Fugitive	Liquid Charge Tanks - Direct Materials Warehouse (2021)	41.71 ACLLU units/hr	--	--	--	December 6, 2022
STLFP-DMW	AE-01ACL	STLFP Process Equipment - Direct Materials Warehouse (2021)	10.26 ACLLU units/hr	Thermal oxidizer	TO0101ACL	VOC (98%)	December 6, 2022
STLFP-DMW (including PK0101ACL)	AE-02ACL	STLFP Process, Sizing and Bulk Packing Equipment - Direct Materials Warehouse (2021)	15,000 standard cubic feet per minute exhaust air flow rate from Baghouse BH0101ACL	Baghouse	BH0101ACL	PM, PM10, PM2.5	December 6, 2022

Equipment operated at facility

Emission Unit ID	Stack ID	Emission Unit Description (year of construction)	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
EG0101-F	--	State Non-emergency/ Federal Emergency diesel generator located at 2200 Bells Rd (2000)	300 kWe (480 hp)	--	--	--	August 30, 2021

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

Process Equipment Requirements – STLFP – DMW (including PK0101ACL)**Limitations**

1. Process Equipment Requirements (STLFP-DMW) – PM, PM₁₀ and PM_{2.5} emissions from the STLFP process equipment located in the Direct Materials Warehouse including sizing and bulk packing (PK0101ACL) shall be controlled by a baghouse (BH0101ACL). The baghouse shall be provided with adequate access for inspection.
(9VAC5-80-110 and Condition 2 of the December 6, 2022 permit)
2. Process Equipment Requirements (STLFP-DMW) - Particulate Matter emissions from the operation of STLFP process equipment located in the Direct Materials Warehouse including sizing and bulk packing (PK0101ACL) as exhausted from baghouse (BH0101ACL) shall not exceed the limits specified below:

PM	0.005 gr/scf	2.82 tons/yr
PM ₁₀	0.005 gr/scf	2.82 tons/yr
PM _{2.5}	0.005 gr/scf	2.82 tons/yr

Compliance with these emission limits may be determined as stated in Condition numbers 1 and 4 through 13.

(9VAC5-80-110 and Condition 7 of the December 6, 2022 permit)

3. Process Equipment Requirements (STLFP-DMW) - Visible emissions from the baghouse stack shall not exceed 5 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-110 and Condition 8 of the December 6, 2022 permit)

Monitoring

4. Process Equipment Requirements (STLFP-DMW BH0101ACL) - The baghouse (BH0101ACL) shall be equipped with a device to continuously measure the differential pressure drop through the baghouse. The device 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.
(9VAC5-80-110 and Condition 2 of the December 6, 2022 permit)
5. Process Equipment Requirements (STLFP-DMW BH0101ACL) - Visible Emission Monitoring - The permittee shall perform inspections of the baghouse stack (BH0101ACL) to determine the presence of visible emissions. Visible emissions checks shall be conducted at least monthly during normal facility operation for a sufficient time interval to determine if there are any visible emissions. If visible emissions are observed, a visible emissions evaluation (VEE), in accordance with 40 CFR Part 60, Appendix A, Method 9 shall be conducted. The VEE shall be conducted for a minimum period of six (6) minutes. If any of the observations exceed the applicable opacity limit in Condition 3, the observation period shall continue until a total of sixty (60) minutes of observation has been completed. A

Method 9 evaluation shall not be required if the visible emissions condition is corrected in a timely manner such that no visible emissions are present; the emissions unit is operating at normal operating conditions; and the cause and corrective measures taken are recorded. (9VAC5-80-110 and Condition 9 of the December 6, 2022 permit)

6. Process Equipment Requirements (STLFP-DMW BH0101ACL) - Compliance Assurance Monitoring (CAM) - The permittee shall monitor, operate, calibrate and maintain the baghouse (BH0101ACL) controlling the STLFP-DMW processes according to the following:

Monitoring, Frequency, Records	Performance Criteria	Indicator Range; Averaging Period
Measured continuously with a differential pressure gauge and readings recorded weekly.	Differential pressure across the baghouse	The pressure drop range is indicated in the CAM documentation maintained by the facility onsite.
Observed monthly and recorded	Visible emission	The presence of visible emissions from the baghouse.

(9VAC5-80-110 and 40 CFR 64.6 (c))

7. Process Equipment Requirements - (STLFP-DMW BH0101ACL) - CAM - The permittee shall conduct the monitoring and fulfill the other obligations specified in 40 CFR 64.7 through 40 CFR 64.9.
(9VAC5-80-110 and 40 CFR 64.6 (c))
8. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - At all times, the permittee shall maintain the monitoring equipment, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.
(9VAC5-80-110 and 40 CFR 64.7 (b))
9. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the STLFP-DMW processes are operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of compliance assurance monitoring, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by inadequate maintenance or improper operation are not malfunctions.
(9VAC5-80-110 and 40 CFR 64.7 (c))
10. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - Upon detecting an excursion or exceedance, the permittee shall restore operation of the STLFP-DMW processes (including the control device and associated capture system) to its normal or

usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup and shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator, designated condition, or below the applicable emission limitation or standard, as applicable.

(9VAC5-80-110 and 40 CFR 64.7 (d)(1))

11. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - Determination that acceptable procedures were used in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.
(9VAC5-80-110 and 40 CFR 64.7(d)(2))
12. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - If the permittee identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the permittee shall promptly notify the Piedmont Regional Office and, if necessary, submit a proposed modification to this permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.
(9VAC5-80-110 and 40 CFR 64.7(e))
13. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM - If the number of exceedances or excursions exceeds 5 percent duration of the operating time for the STLFP-DMW processes for a semiannual reporting period, the permittee shall develop, implement and maintain a Quality Improvement Plan (QIP) in accordance with 40 CFR 64.8. If a QIP is required, the permittee shall have it available for inspection. The QIP initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the permittee shall modify the plan to include procedures for conducting one or more of the following, as appropriate:
 - a. Improved preventative maintenance practices;
 - b. Process operation changes;
 - c. Appropriate improvements to control methods;
 - d. Other steps appropriate to correct control performance; and

e. More frequent or improved monitoring.

(9VAC5-80-110 and 40 CFR 64.8(a) and (b))

Recordkeeping

14. Process Equipment Requirements (STLFP-DMW) - 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 Director, Piedmont Region. These records shall include, but are not limited to:

- a. Control device monitoring records for the baghouse (BH0101ACL) as indicated in Condition 4.
- b. Visible emission monitoring records for the baghouse stack (BH0101ACL) as required in Condition 5.
- c. To show compliance with the annual limits in Condition 2, monthly and annual emissions calculations for the STLFP process using calculation methods approved by the Piedmont Regional Office.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.

(9VAC5-80-110 and Condition 11 of the December 6, 2022 permit)

15. Process Equipment Requirements (STLFP-DMW BH0101ACL) - CAM Recordkeeping - The permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan (QIP) required pursuant to §64.8 and any activities undertaken to implement a quality improvement plan (QIP), and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions).

(9VAC5-80-110 and 40 CFR 64.9(b))

Process Equipment Requirements (STLFP-DMW, LCT-DMW)

Limitations

16. Process Equipment Requirements (STLFP-DMW) – VOC emissions from STLFP process equipment located in the Direct Materials Warehouse (STLFP-DMW, not including the liquid charge tanks LCT-DMW) shall be controlled by a thermal oxidizer (TO0101ACL). The TOC reduction efficiency of the thermal oxidizer shall be at least 98%. The thermal oxidizer shall be provided with adequate access for inspection and shall be in operation when the process is operating. The minimum chamber temperature shall be 1,400°F, calculated as a 3-hour rolling average, or the temperature determined through stack testing to demonstrate 98% reduction efficiency. The thermal oxidizer shall be interlocked with the process equipment such that the thermal oxidizer minimum chamber temperature is attained prior to process startup.

(9VAC5-80-110 and Condition 1 of the December 6, 2022 permit)

17. Process Equipment Requirements - The throughput of ethanol through the STLFP process equipment located in the Direct Materials Warehouse (STLFP-DMW and LCT-DMW), shall not exceed 62,316 ACLLU per year, calculated as the sum of each consecutive 12-month period.

(9VAC5-80-110 and Condition 3 of the December 6, 2022 permit)

18. Process Equipment Requirements (LCT-DMW) – Hourly emissions from the operation of the liquid charge tanks located at the Direct Materials Warehouse shall (LCT-DMW) shall not exceed the limit specified below:

Volatile Organic Compounds 0.27 lbs/hr

(9VAC5-80-110 and Condition 4 of the December 6, 2022 permit)

19. Process Equipment Requirements (STLFP-DMW) – Hourly emissions from the operation of the STLFP process equipment located in the Direct Materials Warehouse (STLFP-DMW), not including the liquid charge tanks (LCT-DMW), shall not exceed the limit specified below:

Volatile Organic Compounds 4.70 lbs/hr (9VAC5-50-260)

Nitrogen Oxides (as NO₂) 0.30 lbs/hr

Carbon Monoxide 0.25 lbs/hr

Compliance with these emission limits may be determined as stated in Condition numbers 16, and 21 through 29.

(9VAC5-80-110 and Condition 5 of the December 6, 2022 permit)

20. Process Equipment Requirements - Combined emissions from the operation of the STLFP processes (LCT-DMW and STLFP-DMW), not including Sizing and Bulk Packing Equipment (PK0101ACL), shall not exceed the limits specified below:

Volatile Organic Compounds 14.5 tons/yr (total) (9VAC5-50-260)

Nitrogen Oxides (as NO₂) 0.91 tons/yr (total)

Carbon Monoxide 0.77 tons/yr (total)

Compliance with these emission limits may be determined as stated in Condition numbers 16, 17, 21 through 29, 30.b, and 31.

(9VAC5-80-110 and Condition 6 of the December 6, 2022 permit)

Monitoring

21. Process Equipment Requirements (STLFP-DMW TO0101ACL) - The thermal oxidizer (TO0101ACL) shall be equipped with a device to measure, display, and continuously

record the chamber temperature. The monitoring device shall be installed and maintained in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations.

(9VAC5-80-110 and Condition 1 of the December 6, 2022 permit)

22. Process Equipment Requirements (STLFP-DMW TO0101ACL) - Compliance Assurance Monitoring (CAM) - The permittee shall monitor, operate, calibrate and maintain the thermal oxidizer (TO0101ACL) controlling the STLFP-DMW processes according to the following:

Monitoring, Frequency, Records	Performance Criteria	Indicator Range; Averaging Period
Device to measure and record the readings continuously and to record the readings as a 3-hour rolling average.	Chamber temperature.	Any 3-hour rolling average temperatures above 1,400 degrees Fahrenheit or the temperature established during the stack test demonstrating 98 percent reduction efficiency. The indicator range will be kept in the CAM documentation onsite.

(9VAC5-80-110 and 40 CFR 64.6 (c))

23. Process Equipment Requirements - (STLFP-DMW TO0101ACL) - CAM - The permittee shall conduct the monitoring and fulfill the other obligations specified in 40 CFR 64.7 through 40 CFR 64.9.

(9VAC5-80-110 and 40 CFR 64.6 (c))

24. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - At all times, the permittee shall maintain the monitoring equipment, including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(9VAC5-80-110 and 40 CFR 64.7 (b))

25. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the STLFP-DMW processes are operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of compliance assurance monitoring, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by inadequate maintenance or improper operation are not malfunctions.

(9VAC5-80-110 and 40 CFR 64.7 (c))

26. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - Upon detecting an excursion or exceedance, the permittee shall restore operation of the STLFP-DMW

processes (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup and shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator, designated condition, or below the applicable emission limitation or standard, as applicable.

(9VAC5-80-110 and 40 CFR 64.7 (d)(1))

27. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - Determination that acceptable procedures were used in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.
(9VAC5-80-110 and 40 CFR 64.7(d)(2))
28. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - If the permittee identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the permittee shall promptly notify the Piedmont Regional Office and, if necessary, submit a proposed modification to this permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.
(9VAC5-80-110 and 40 CFR 64.7(e))
29. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM - If the number of exceedances or excursions exceeds 5 percent duration of the operating time for the STLFP-DMW processes for a semiannual reporting period, the permittee shall develop, implement and maintain a Quality Improvement Plan (QIP) in accordance with 40 CFR 64.8. If a QIP is required, the permittee shall have it available for inspection. The QIP initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the permittee shall modify the plan to include procedures for conducting one or more of the following, as appropriate:
 - a. Improved preventative maintenance practices;
 - b. Process operation changes;
 - c. Appropriate improvements to control methods;
 - d. Other steps appropriate to correct control performance; and

- e. More frequent or improved monitoring.

(9VAC5-80-110 and 40 CFR 64.8(a) and (b))

Recordkeeping

- 30. Process Equipment Requirements - 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 Region. These records shall include, but are not limited to:
 - a. To show compliance with Condition 17, the combined throughput of ethanol through the STLFP process equipment located in the Direct Materials Warehouse (STLFP-DMW and LCT-DMW) in ACLLU units, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
 - b. Monthly and annual emissions calculations for the STLFP process using calculation methods approved by the Piedmont Regional Office to show compliance with the annual limits in Condition 20.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.

(9VAC5-80-110 and Condition 11 of the December 6, 2022 permit)

- 31. Process Equipment Requirements (STLFP-DMW TO0101ACL) - CAM Recordkeeping - The permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan (QIP) required pursuant to §64.8 and any activities undertaken to implement a quality improvement plan (QIP), and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions).

(9VAC5-80-110 and 40 CFR 64.9(b))

Fuel-burning Equipment Requirements – Generator (EG0101-F)

Limitations

- 32. Fuel-burning Equipment Requirements –EG0101-F – The generator (EG0101-F) shall be operated consistent with good air pollution control practices for minimizing emissions. The permittee shall develop a written maintenance plan for this generator consistent with this operation. The generator shall be provided with adequate access for inspection.
(9VAC5-80-110 and Condition 1 of the August 30, 2021 permit)
- 33. Fuel-burning Equipment Requirements –EG0101-F - The permittee shall operate and maintain the generator (EG0101-F) according to the written maintenance plan for this generator developed by the permittee consistent with good air pollution control practices for minimizing emissions.
(9VAC5-80-110 and Condition 2 of the August 30, 2021 permit)

34. Fuel-burning Equipment Requirements –EG0101-F – Except as allowed by Condition 38, the generator (EG0101-F) shall only be operated in the following modes:
 - a. In situations that arise from sudden and reasonably unforeseeable events where the primary energy or power source is disrupted or disconnected due to conditions beyond the control of an owner or operator of a facility including:
 - i. A failure of the electrical grid;
 - ii. On-site disaster or equipment failure; or
 - iii. Public service emergencies such as flood, fire, natural disaster, or severe weather conditions.
 - b. For participation in an ISO-declared emergency, where an ISO emergency is:
 - i. An abnormal system condition requiring manual or automatic action to maintain system frequency, to prevent loss of firm load, equipment damage, or tripping of system elements that could adversely affect the reliability of an electric system or the safety of persons or property;
 - ii. Capacity deficiency or capacity excess conditions;
 - iii. A fuel shortage requiring departure from normal operating procedures in order to minimize the use of such scarce fuel;
 - iv. Abnormal natural events or man-made threats that would require conservative operations to posture the system in a more reliable state; or
 - v. An abnormal event external to the ISO service territory that may require ISO action.
 - c. For periodic maintenance, testing, and operational training.
(9VAC5-80-110 and Condition 3 of the August 30, 2021 permit)
35. Fuel-burning Equipment Requirements –EG0101-F - The approved fuel for generator (EG0101-F) is diesel fuel. Shipments of diesel fuel received after August 20, 2020 shall meet the American Society for Testing and Materials (ASTM D975) specification for S15 diesel fuel oil with a maximum sulfur content per shipment of 0.0015%. A change in the fuel shall be considered a change in the method of operation of the generator and may require a new or amended permit. However, if a change in the fuel is not subject to new source review permitting requirements, this condition should not be construed to prohibit such a change.
(9VAC5-80-110 and Condition 4 of the August 30, 2021 permit)
36. Fuel-burning Equipment Requirements –EG0101-F – The generator (EG0101-F) shall operate no more than 500 hours per year, calculated monthly as the sum of each consecutive 12-month period.
(9VAC5-80-110 and Condition 5 of the August 30, 2021 permit)

37. Fuel-burning Equipment Requirements –EG0101-F – The generator (EG0101-F) shall operate no more than 100 hours per calendar year for maintenance checks, readiness testing, training, and in non-emergency situations.
(9VAC5-80-110 and Condition 6 of the August 30, 2021 permit)
38. Fuel-burning Equipment Requirements –EG0101-F – The generator (EG0101-F) shall operate no more than 50 hours per calendar year in non-emergency situations and these hours are counted as part of the 100 hours per calendar year in Condition 37.
(9VAC5-80-110 and Condition 7 of the August 30, 2021 permit)
39. Fuel-burning Equipment Requirements –EG0101-F - The permittee shall obtain a certification from the fuel supplier with each shipment of diesel fuel. Each fuel supplier certification shall include the following:
- The name of the fuel supplier;
 - The date on which the diesel fuel was received;
 - The quantity of diesel fuel delivered in the shipment;
 - A statement that the diesel fuel complies with the ASTM D975 specifications for S15 diesel fuel oil; and
 - The sulfur content of the diesel fuel.

Fuel sampling and analysis, independent of that used for certification, as may be periodically required or conducted by DEQ may be used to determine compliance with the fuel specifications stipulated in Condition 35. Exceedance of these specifications may be considered credible evidence of the exceedance of emission limits.

(9VAC5-80-110 and Condition 8 of the August 30, 2021 permit)

40. Fuel-burning Equipment Requirements –EG0101-F – Emissions from the operation of the generator (EG0101-F) shall not exceed the limits specified below:

PM	1.1 lbs/hr	
PM ₁₀	1.1 lbs/hr	
PM _{2.5}	1.1 lbs/hr	
Nitrogen Oxides (as NO ₂)	14.9 lbs/hr	3.8 tons/yr
Carbon Monoxide	3.3 lbs/hr	0.9 tons/yr
Volatile Organic Compounds	1.2 lbs/hr	

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence

of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 32, 33, 35, 36, and 39.

(9VAC5-80-110 and Condition 9 of the August 30, 2021 permit)

41. Fuel-burning Equipment Requirements –EG0101-F - Visible emissions from the generator (EG0101-F) shall not exceed 10 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 20 percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-110 and Condition 10 of the August 30, 2021 permit)

Monitoring

42. Fuel-burning Equipment Requirements –EG0101-F - Visible emissions checks shall be conducted for the diesel generator (EG0101-F) monthly during periods when the unit is operated for emergency purposes, or for routine testing, for a sufficient time interval to determine if there are any visible emissions. The permittee shall maintain a log noting whether visible emissions occurred. If visible emissions are observed, a visible emissions evaluation (VEE) in accordance with 40 CFR Part 60, Appendix A, Method 9 shall be conducted to show compliance with Condition 41. The VEE shall be conducted for a minimum period of six minutes. If any of the observations exceed the applicable opacity limit, the observation period shall continue until a total of sixty minutes of observation has been completed. A Method 9 evaluation shall not be required if the visible emissions condition is corrected in a timely manner such that no visible emissions are present; the emissions unit is operating at normal operating conditions or has been shut down; and the cause and corrective measures taken are recorded.
(9 VAC 5-80-110)

Records

43. Fuel-burning Equipment Requirements –EG0101-F - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Piedmont Region. These records shall include, but are not limited to:
 - a. Monthly and annual hours of total operation of the generator (EG0101-F) calculated monthly as the sum of each consecutive 12-month period to demonstrate compliance with Condition 36. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
 - b. Monthly and calendar year hours of operation of the generator (EG0101-F) for combined maintenance checks, readiness testing, training, and in non-emergency situations to demonstrate compliance with Condition 37.
 - c. Monthly and calendar year hours of operation of the generator (EG0101-F) in non-emergency situations to demonstrate compliance with Condition 38.
 - d. Written operation and maintenance plan.
 - e. Results of visual observations for visible emissions.

- f. All fuel supplier certifications.
- g. Scheduled and unscheduled maintenance and operator training.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.

(9VAC5-80-110 and Condition 11 of the August 30, 2021 permit)

MACT Subpart ZZZZ Requirements by reference

44. Fuel Burning Equipment Requirements – Requirements by Reference – EG0101-F - The state non-emergency/federal emergency generator (EG0101-F) is subject to 40 CFR 63 Subpart ZZZZ. The requirements are as follows:

Citation	Requirement
40CFR 63.6590(a)(1)(ii) 40CFR 63.6602, Table 2c 40CFR 63.6625(e)(2), (f), (h), and (i) 40 CFR 63.6640(f)	Existing CI stationary RICE \leq 500 HP located at a major* source of HAP emissions - comply with Table 2c, install non-resettable hour meter, follow work or management practices to show compliance with Table 2c.

* This facility became an area source of HAP upon the removal of a coal boiler (permit rescinded on May 27, 2015).

Units that were installed when the source was a major HAP source must comply with MACT rules for major sources, because of the “once in, always in” policy for MACT rules. Units installed after source became an area source are subject to area source requirements of the MACT.

(40 CFR 63.6585 and 9 VAC 5-80-110)

Facility Wide Requirements

Recordkeeping

45. Process Equipment Requirements - 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 Region. These records shall include, but are not limited to:
- a. A maintenance schedule for all air pollution control equipment
 - b. Scheduled and unscheduled maintenance records for all air pollution control equipment.
 - c. Inventory of spare parts to minimize duration of air pollution control equipment breakdowns.
 - d. Written operating procedures for all air pollution control equipment.
 - e. Operator training records for air pollution control equipment.
 - f. Result of all stack tests, visible emission evaluations and performance evaluations.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.

(9VAC5-80-110 and Condition 11 of the December 6, 2022 permit)

Reporting

46. Process Equipment Requirements – (Facility Wide) - The permittee shall submit semi-annual reports to the Piedmont Regional Office documenting any instances of excess emissions indicated by monitoring records.
(9VAC5-80-110)

Testing

47. Process Equipment Requirements – (Facility Wide) - The permitted facility shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. Test ports shall be provided at the appropriate locations.
(9VAC5-80-110 and Condition 10 of the December 6, 2022 permit)
48. Process Equipment Requirements – (Facility Wide) - Upon request by the DEQ, the permittee shall conduct performance tests for VOC from the thermal oxidizer stack (TO0101ACL) and/or PM from the baghouse (BH0101ACL) to demonstrate compliance with the emission limits and control efficiency requirements contained in this permit. The details of the tests shall be arranged with the Piedmont Regional Office.
(9VAC5-80-110)

Insignificant Emission Units

49. Insignificant Emission Units - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9VAC5-80-720 B)	Rated Capacity (9VAC5-80-720 C)
TK0301F	Underground alcohol storage tank (ACL)	9VAC5-80-720 B	VOC	12,000 gallons
Various	Flavor tanks (ACL)	9VAC5-80-720 B	VOC	N/A
Various	Flavor mixing hoods (ACL)	9VAC5-80-720 B	VOC, PM, PM10	N/A
Various	Flavor loading operations (totes and drums) (ACL)	9VAC5-80-720 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 9VAC5-80-110.
(9VAC5-80-110)

Permit Shield & Inapplicable Requirements

50. Permit Shield & Inapplicable Requirements - Compliance with the provisions of this permit shall be deemed in 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
None	None	None

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)

General Conditions

51. 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)
52. General Conditions - Permit Expiration –
- 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.
 - 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.
 - If an applicant submits a timely and complete application for an initial permit or renewal under this section, 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.
 - 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.
 - 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.
 - 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)

53. 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.
 - f. The operating conditions existing at the time of sampling or measurement.

(9VAC5-80-110)

54. 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)

55. General Conditions - Recordkeeping and Reporting - The permittee shall submit the results of monitoring contained in any applicable requirement to 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.
- b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:
 - i. Exceedance of emissions limitations or operational restrictions;
 - ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring 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 semi-annual reporting period.”

(9VAC5-80-110)

- 56. 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 EPA and 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. 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. 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 E, 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.
- g. One copy of the annual compliance certification shall be sent to 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 K.5)

- 57. 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 semi-annual compliance monitoring report pursuant to General Condition 55 of this permit.

(9VAC5-80-110 F.2)

58. 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 shall, within 14 days of discovery, provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9VAC5-40-50 C and 9VAC5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9VAC5-40-40 and 9VAC5-50-40. 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)
59. 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)
60. 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 grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110)
61. 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)
62. 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.
(9VAC5-80-110, 9VAC5-80-190 and 9VAC5-80-260)
63. General Conditions - Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC 5-80-110)
64. 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)

65. 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)
66. 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 emission 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 9VAC 5-80-2310 through 9VAC 5-80-2350.
(9VAC5-80-110, 9VAC5-80-310 et seq., and 9VAC5-80-2310 et seq.)
67. 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 other 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)
68. General Conditions - Startup, Shutdown, and Malfunction - At all times, including periods of startup, shutdown, 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)

69. 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)
70. General Conditions - Inspection and Entry Requirements - The permittee shall allow 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)
71. 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)

- 72. 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 DEQ upon request.

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

- 73. 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)

- 74. 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 of the grounds for revocation or termination or for any other violations of these regulations.

(9VAC5-80-110, 9VAC5-80-190 C and 9VAC5-80-260)

- 75. 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)

- 76. 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, Subparts A-F)

77. 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)
78. 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)
79. 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)
80. 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)