Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

www.deq.virginia.gov

Travis A. Voyles
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director

September 24, 2024

Mr. Robert Huffman
Vice President US Operations
East Tennessee Natural Gas, LLC
Energy Center 5, Suite 1100
915 North Eldridge Parkway
Houston, Texas 77079

Location: Dickenson County, Virginia
Registration No.: 11046

Dear Mr. Huffman:

Attached is an administrative amendment to the April 20, 2022 permit to operate your natural gas compression and transmission facility pursuant to 9 VAC 5 Chapter 80 of the Virginia Regulations for the Control and Abatement of Air Pollution. The amended permit reflects the change in Responsible Official and Contact Person for the source, pursuant to 9VAC5-80-200 A.2. This amended permit document replaces the permit document issued on April 20, 2022 (as amended November 16, 2022); however, the expiration date remains unchanged.

In evaluating the administrative amendment request and arriving at a final decision for approval, the Department deemed the application complete on September 3, 2024.

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 amendment approval does not relieve East Tennessee Natural Gas, 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 amendment 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:

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

If this permit amendment 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 amendment, please contact me at (276) 608-8506.

Sincerely,

Rob Feagins, Air Permit Manager
Virginia Department of Environmental Quality
(276) 608-8506
rob.feagins@deq.virginia.gov
Southwest Regional Office
355-A Deadmore Street
Abingdon, VA 24210
(276) 676-4800

GRF/SLJ/11046VA.ADAMEN.FNL-24

Attachments: Amended Permit
Source Testing Report Format

cc: Director, OAPP (electronic file submission)
Office of Permits and Air Toxics (3AP10), U.S. EPA, Region III (electronic file submission)

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Travis A. Voyles
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
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:	East Tennessee Natural Gas, LLC
Facility Name:	Compressor Station 3401
Facility Location:	2213 Smith Ridge Road McClure, Virginia 24269
Registration Number:	11046
Permit Number:	SWRO11046

This permit includes the following programs:

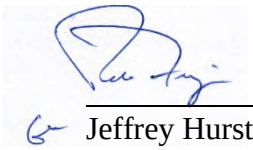
Federally Enforceable Requirements - Clean Air Act

April 20, 2022
Effective Date

November 16, 2022
Amendment Date

September 24, 2024
Amendment Date

April 19, 2027
Expiration Date



Jeffrey Hurst
Regional Director

September 24, 2024
Amendment Signature Date

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Facility Information

Permittee
East Tennessee Natural Gas, LLC
Energy Center 5, Suite 1100
915 North Eldridge Parkway
Houston, Texas 77079

Responsible Official
Mr. Robert Huffman
Vice President US Operations

Facility
Compressor Station 3401
2213 Smith Ridge Road
McClure, Virginia 24269

Contact Person
Ms. Susann Brown
Supervisor Air Monitoring and Reporting
(612) 449-5184

County-Plant Identification Number: 51-051-00034

Facility Description: NAICS 486210 - Natural gas enters the facility from local production facilities to a set of scrubbers where impurities are separated from the natural gas. The natural gas then goes through the multi-stage gas compressors. From there, the natural gas passes through the dehydration unit and then into the transmission pipeline for distribution to customers along the pipeline system. Two natural gas-fired Cooper-Bessemer, model 8W-330, lean burn, 2-cycle, reciprocating engines (emission unit I.D. S001 and S002) rated at 4,650 hp (34.9 MMBtu/hr) each, are used to power natural gas compressors. Other equipment at the facility includes: one Taylor Forge triethylene glycol dehydration unit (S003) with a 1.25 MMBtu/hr reboiler; and one Cummins model GTA-1710 generator with a natural gas-fired engine (S006) rated at 710 hp.

Emission Units

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
S001	S0011	Cooper-Bessemer, model W-330, natural gas-fired reciprocating compressor engine	4,650 horsepower	Air/Fuel ratio controller	Not Applicable	NOx, CO and total hydrocarbons	5/26/09
S002	S0021	Cooper-Bessemer, model W-330, natural gas-fired reciprocating compressor engine	4,650 horsepower	Air/Fuel ratio controller	Not Applicable	NOx, CO and total hydrocarbons	5/26/09
S003	S003	Taylor Forge glycol dehydration unit natural gas-fired reboiler burner	1,250,000 Btu/hr	None	Not Applicable	None	5/26/09
S006	S006	Cummins, model GTA-1710, natural gas-fired generator engine, used for emergency electrical power	710 horsepower	None	Not Applicable	None	5/26/09

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description*	PCD ID	Pollutant Controlled	Applicable Permit Date
S003	S003	Taylor Forge glycol dehydration unit	60 million standard cubic feet of gas per day, input	Tornado Technologies, Inc. TTI-DSCVI natural gas-fired thermal oxidizer rated at 1.736 mmBtu/hr	S003-TO	VOC, benzene, toluene, ethyl benzene and xylenes	5/26/09

*The Size/Rated capacity and PCD efficiency are provided for informational purposes only and are not applicable requirements.

Fuel Burning Equipment Requirements - (Emission Unit ID: S001, S002, S003 and S006)

Limitations

1. Fuel Burning Equipment Requirements - Emissions of nitrogen oxides, carbon monoxide and total hydrocarbons from each Cooper-Bessemer compressor engine (S001 and S002) shall be controlled by ignition retard, air manifold temperature reduction and by maintaining an optimum air-to-fuel ratio. Each Cooper-Bessemer compressor engine shall be provided with adequate access for inspection.
(9VAC5-80-110, 9VAC5-50-260 and Condition 2 of 5/26/09 Permit)

2. Fuel Burning Equipment Requirements - Each Cooper-Bessemer compressor engine (S001 and S002) shall consume no more than 34,324 cubic feet per hour and 300,680,000 cubic feet per year of natural gas. Annual consumption shall be calculated as the sum of each consecutive 12-month period.
(9VAC5-80-110, 9VAC5-50-260 and Condition 4 of 5/26/09 Permit)

3. Fuel Burning Equipment Requirements - The approved fuel for each Cooper-Bessemer compressor engine (S001 and S002), reboiler (S003), and Cummins generator engine (S006) is natural gas. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110 and Condition 5 of 5/26/09 Permit)

4. Fuel Burning Equipment Requirements - Emissions from the operation of each Cooper-Bessemer compressor engine (S001 and S002) shall not exceed the limits specified below:

Pollutant	Compressors S001 and S002 (per unit)		Combined Compressor Emissions (Total)	
	lb/hr	tons/yr	lb/hr	tons/yr
NO_X	16.91	74.09	33.82	148.18
CO	15.38	67.35	30.76	134.70
VOC	6.15	26.94	12.30	53.88
PM10 (Total)	1.69	7.40	3.38	14.80

Annual emissions shall be calculated as the sum of each consecutive 12-month period.
(9VAC5-80-110, 9VAC5-50-260 and Condition 6 of 5/26/09 Permit)

5. Fuel Burning Equipment Requirements - Visible emissions from each Cooper-Bessemer compressor engine exhaust stack (S0011 and S0021) shall not exceed five percent (5%) 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, 9VAC5-50-260 and Condition 7 of 5/26/09 Permit)

6. Fuel Burning Equipment Requirements - The permittee shall to the extent practicable, maintain and operate the Cooper-Bessemer compressor engines (S001 and S002) in a manner consistent with good air pollution control practice for minimizing emissions. (9VAC5-80-110, 40 CFR 60.4243(c) and (b)(2)(ii))

7. Fuel Burning Equipment Requirements - Visible emissions from each reboiler burner (S003), and Cummins generator engine (S006) shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity.
(9VAC5-80-110 and 9VAC5-50-80)

8. Fuel Burning Equipment Requirements - The permittee must operate the Cummins generator engine (S006) according to the requirements in paragraphs a through c of this condition. In order for the engine to be considered an emergency stationary reciprocating internal combustion engine (RICE) under 40 CFR Part 63, Subpart ZZZZ, any operation other than emergency operation, maintenance, and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs a through c of this condition, is prohibited. If the engine is not operated according to the requirements in paragraphs a through c of this condition, the engine will not be considered an emergency engine under 40 CFR Part 63, Subpart ZZZZ and must meet all requirements for non-emergency engines indicated in 40 CFR Part 63, Subpart ZZZZ.

   a. There is no time limit on the use of the Cummins generator engine (S006) in emergency situations.

   b. The Cummins generator engine (S006) may be operated for a maximum of 100 hours per calendar year for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but the petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

   c. The Cummins generator engine (S006) may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

   (9VAC5-60-100, 9VAC5-80-110 and 40 CFR 63.6640(f))

Monitoring

9. Fuel Burning Equipment Requirements - The permittee shall record each operation of the Cummins generator engine (S006). Each record of operation shall include the date and time of operation, number of hours of operation and the reason for operation, at a minimum. (9VAC5-80-110 and 9VAC5-50-40 F)

10. Fuel Burning Equipment Requirements - The air-to-fuel ratio of each Cooper-Bessemer compressor engine (S001 and S002) shall be monitored with an air-to-fuel ratio controller. The air-to-fuel ratio controller shall be provided with adequate access for inspection. (9VAC5-80-110 and Condition 2 of 5/26/09 Permit)

11. Fuel Burning Equipment Requirements - The permittee shall record the air manifold pressure and fuel gas pressure of each Cooper-Bessemer compressor engine (S001 and S002) once daily, at a minimum.
(9VAC5-80-110 and 9VAC5-50-40 F)

12. Fuel Burning Equipment Requirements - The permittee shall keep a maintenance plan and maintain records of conducted maintenance for the Cooper-Bessemer compressor engines (S001 and S002).
(9VAC5-80-110, 40 CFR 60.4243(c) and (b)(2)(ii))

13. Fuel Burning Equipment Requirements - The permittee shall maintain and operate the air-to-fuel controller appropriately in order to ensure proper operation of each Cooper-Bessemer compressor engine (S001 and S002) to minimize emissions at all times. (9VAC5-80-110 and 40 CFR 60.4243(g))

Recordkeeping

14. Fuel Burning Equipment Requirements - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Southwest Regional Office. These records shall include, but are not limited to:

    a. Daily records of air manifold pressure and fuel gas pressure for each Cooper-Bessemer compressor engine (S001 and S002).

    b. Monthly and annual consumption of natural gas for each Cooper-Bessemer compressor engine (S001 and S002), reboiler burner (S003) and Cummins generator engine (S006). Annual consumption shall be calculated as the sum of each consecutive 12-month period.

    c. Emission factors and equations used to calculate emission rates. The permittee may be required to calculate emissions from the fuel burning equipment.

d. A maintenance plan and records of conducted maintenance for each Cooper-Bessemer compressor engine (S001 and S002) and Cummins generator engine (S006).

e. Monthly and annual hours of operation of the Cummins generator engine (S006) and records of operation of the engine in accordance with Condition 9 of this permit.

f. A copy of all notifications as may be required and all documentation supporting any notification.

g. Results of each performance test and visible emissions evaluation.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
(9VAC5-50-50, 9VAC5-80-110, 40 CFR 60.4243(c) and (b)(2)(ii), 40 CFR 60.4245(a), 40 CFR 63.6655(e)(2), and Condition 9 of 5/26/09 Permit)

Testing

15. Fuel Burning Equipment Requirements - 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 when requested at the appropriate locations.
(9VAC5-50-30, 9VAC5-80-110 and Condition 8 of 5/26/09 Permit)

16. Fuel Burning Equipment Requirements - If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures approved by the DEQ.
(9VAC5-80-110)

17. Fuel Burning Equipment Requirements - The permittee shall conduct a performance test on each Cooper-Bessemer compressor engine (S001 and S002) for nitrogen oxides, carbon monoxide and volatile organic compounds to determine compliance with the emission limits for those pollutants as contained in Condition 4 of this permit. The tests shall be performed every 8,760 hours of operation or 3 years, whichever comes first, from the date of the previous performance test. Tests shall be conducted and reported, and data reduced as set forth in 9VAC5-50-30, and test methods and procedures contained in 40 CFR 60.4244. The details of the tests are to be arranged with the Director, Southwest Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing. One copy of the test results shall be submitted to the Director, Southwest Regional Office within 60 days after test completion and shall conform to the test report format enclosed with this permit.
(9VAC5-80-110, 40 CFR 60.4243(c) and (b)(2)(ii), and 40 CFR 60.4245(d))

18. Fuel Burning Equipment Requirements - Concurrently with the performance tests required in Condition 17 of this permit, Visible Emission Evaluations (VEE) in accordance with 40 CFR Part 60, Appendix A, Method 9, shall be conducted by the permittee on each Cooper-Bessemer compressor engine (S001 and S002). Each test shall consist of 30 sets of 24 consecutive observations (at 15 second intervals) to yield a six-minute average. Should conditions prevent concurrent opacity observations, the Director, Southwest Regional Office shall be notified in writing, within seven days, and visible emissions testing shall be rescheduled within 30 days. Rescheduled testing shall be conducted under the same conditions (as possible) as the performance tests. The details of the tests are to be arranged with the Director, Southwest Regional Office. One copy of the test result shall be submitted to the Director, Southwest Regional Office within 60 days after test completion and shall conform to the test report format enclosed with this permit.
(9VAC5-80-110, 9VAC5-50-30 and 9VAC5-50-50 H)

19. Fuel Burning Equipment Requirements - The permittee shall conduct a performance test within 60 days after beginning operation after modification or reconstruction of a Cooper-Bessemer compressor engine (S001 and/or S002). The performance test shall be conducted for nitrogen oxides, carbon monoxide and volatile organic compounds to determine compliance with the emission limits for those pollutants as contained in Condition 4 of this permit. Tests shall be conducted and reported, and data reduced as set forth in 9VAC5-50-30, and test methods and procedures contained in 40 CFR 60.4244. The details of the tests are to be arranged with the Director, Southwest Regional Office. The permittee shall submit a test protocol at least 30 days prior to testing. One copy of the test results shall be submitted to the Director, Southwest Regional Office within 60 days after test completion and shall conform to the test report format enclosed with this permit.
(9VAC5-80-110, 40 CFR 60.4243(i)(2), and 40 CFR 60.4245(d))

Process Equipment Requirements – Glycol Dehydration Unit (Emission Unit ID: S003)

Limitations

20. Process Equipment Requirements - The permittee shall operate the Taylor Forge glycol dehydration unit (S003) in compliance with all applicable National Emission Standards for Hazardous Air Pollutants, Subpart HHH, National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities, 40 CFR 63.1270 through 40 CFR 63.1289 and 40 CFR Part 63, Subpart A, General Provisions as identified by Table 2 for Subpart HHH. The provisions set forth in 40 CFR Part 63 Subpart HHH shall apply at all times.
(9VAC5-80-110, 9VAC5-60-100 Subparts A and HHH, 40 CFR 63.1, 40 CFR 63.1270 and 40 CFR 63.1272(a))

21. Process Equipment Requirements - Emissions of volatile organic compounds from the Taylor Forge glycol regeneration unit (S003) shall be controlled by a Tornado Technologies, Inc. natural gas-fired thermal oxidizer, or equivalent. The thermal oxidizer shall be provided with adequate access for inspection.
(9VAC5-80-110, 9VAC5-50-260 and Condition 3 of 5/26/09 Permit)

22. Process Equipment Requirements - The approved fuel for the Tornado Technologies, Inc. thermal oxidizer is natural gas. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110, 9VAC5-50-260 and Condition 5 of 5/26/09 Permit)

23. Process Equipment Requirements - The permittee shall maintain the temperature in the Tornado Technologies, Inc. thermal oxidizer chamber at a minimum of 1500 °F when the thermal oxidizer is operating.
(9VAC5-80-110 and 9VAC5-50-20 E)

24. Process Equipment Requirements - At all times the permittee must operate and maintain the Taylor Forge glycol regeneration unit (S003), including associated air pollution control equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation 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, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
(9VAC5-80-110, 9VAC5-60-100 Subpart HHH and 40 CFR 63.1274(h))

25. Process Equipment Requirements - The permittee shall limit benzene, toluene, ethyl benzene and xylene (BTEX) emissions from the Taylor Forge glycol dehydration unit (S003) to the limit determined in the following equation:

$EL_{BTEX} = (3.10 \times 10^{-4})(\text{Throughput})(C_{i,BTEX})(365 \text{ days/year})(1 \text{ Mg}/1 \times 10^{6} \text{ grams})$

Where:

EL_{BTEX} = Unit-specific BTEX emission limit, megagrams per year;

3.10×10^{-4} = BTEX emission limit, grams BTEX/standard cubic meter-ppmv;

Throughput = Annual average daily natural gas throughput, standard cubic meters per day;

$C_{i,BTEX}$ = Annual average BTEX concentration of the natural gas at the inlet to the glycol dehydration unit, ppmv.

The permittee shall demonstrate that the emissions limit is met through actual uncontrolled operation of the Taylor Forge glycol dehydration unit. Compliance with the emission limit is demonstrated if the BTEX emissions determined as specified in Condition 32 of this permit are less than the emission limit calculated as specified in this condition. The permittee shall document operational parameters in accordance with the requirements specified in 40 CFR 63.1281(e) and emissions in accordance with the requirements specified in 40 CFR 63.1282(a)(3).
(9VAC5-80-110, 9VAC5-60-100 Subpart HHH, 40 CFR 63.1274(c)(1) and 40 CFR 63.1275(b)(1)(iii)(D))

26. Process Equipment Requirements - Visible emissions from the reboiler vent (S003) as exhausted through the thermal oxidizer, shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity.
(9VAC5-80-110 and 9VAC5-50-80)

Monitoring

27. Process Equipment Requirements - The permittee shall install, maintain, calibrate and operate a device to continuously monitor the thermal oxidizer chamber temperature. The temperature monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. The temperature monitoring device shall be provided with adequate access for inspection and shall be in operation when the thermal oxidizer is operating.
(9VAC5-80-110 and 9VAC5-50-40 F)

28. Process Equipment Requirements - The permittee shall record the temperature of the thermal oxidizer chamber no less than once each hour when the thermal oxidizer is operating.
(9VAC5-80-110 and 9VAC5-50-40 F)

Recordkeeping

29. Process Equipment Requirements - The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Southwest Regional Office. These records shall include, but are not limited to:

    a. Annual facility natural gas throughput;

    b. Glycol dehydration unit (S003) actual annual average natural gas throughput (in terms of natural gas flowrate to the glycol dehydration unit per day), as determined in accordance with 40 CFR 63.1282(a);

c. Glycol dehydration unit (S003) actual annual average benzene emissions determined according to 40 CFR 63.1282(a);

d. Unit-specific BTEX emission limit calculations and parameters used in such calculations in accordance with the requirements specified in 40 CFR 63.1275(b)(1)(iii) and Condition 25 of this permit;

e. Glycol dehydration unit (S003) operational parameters and emissions in accordance with the requirements specified in 40 CFR 63.1275(b)(1)(iii)(D) and Condition 25 of this permit;

f. Hourly records of the thermal oxidizer chamber temperature;

g. Monthly and annual consumption of natural gas by the thermal oxidizer;

h. The occurrence and duration of each malfunction of operation (i.e., process equipment) or air pollution control equipment and monitoring equipment. The permittee shall maintain records of actions taken during periods of malfunction to minimize emissions in accordance with Condition 24 of this permit, including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation; and

i. Records in accordance with applicable recordkeeping provisions of 40 CFR Part 63 Subpart A as specified in Table 2 of 40 CFR Part 63 Subpart HHH.

These records shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or period. All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 12 months of records shall be retained on site or shall be accessible from a central location by computer or other means that provides access within 2 hours of request. The remaining 4 years of records may be retained offsite. Records may be retained in hard copy or computer-readable form including, but not limited to, on paper, microfilm, computer, floppy disk, magnetic tape, or microfiche.
(9VAC5-50-50, 9VAC5-80-110, 9 VAC 5-60-100 Subpart HHH, 40 CFR 63.1270(a)(3), 40 CFR 63.1274(c)(3), 40 CFR 63.1275(b)(1)(iii)(D), and 40 CFR 63.1284(a), (b) and (f))

Testing

30. Process Equipment Requirements - 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 when requested at the appropriate locations.
(9VAC5-50-30 F, 9VAC5-80-110 and Condition 8 of 5/26/09 Permit)

31. Process Equipment Requirements - If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate method(s) in accordance with procedures approved by the DEQ.
(9VAC5-80-110)

32. Process Equipment Requirements - The permittee shall determine BTEX emissions from the Taylor Forge glycol dehydration unit (S003) as follows:

    a. Method 1 or 1A, 40 CFR Part 60, Appendix A, as appropriate, shall be used for selection of the sampling sites at the outlet of the glycol dehydration unit process vent. Any references to particulate mentioned in Methods 1 and 1A do not apply to this condition.

    b. The gas volumetric flowrate shall be determined using Method 2, 2A, 2C, or 2D, 40 CFR Part 60, Appendix A, as appropriate.

    c. The BTEX emissions from the outlet of the glycol dehydration unit process vent shall be determined using the procedures specified in 40 CFR 63.1282(d)(3)(v). As an alternative, the mass rate of BTEX at the outlet of the glycol dehydration unit process vent may be calculated using the model GRI-GLYCalc™, Version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc™ Technical Reference Manual. Inputs to the model shall be representative of actual operating conditions of the glycol dehydration unit and shall be determined using the procedures documented in the Gas Research Institute (GRI) report entitled "Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions" (GRI-95/0368.1). When the BTEX mass rate is calculated for glycol dehydration units using the model GRI-GLYCalc™, all BTEX measured by Method 18, 40 CFR Part 60, Appendix A, shall be summed.
    (9VAC5-80-110, 9VAC5-60-100 Subpart HHH, 40 CFR 63.1282(c)(2)(i) – (iii))

Reporting

33. Process Equipment Requirements - The permittee shall submit all reports required under 40 CFR Part 63 Subpart HHH and all reports required under 40 CFR Part 63 Subpart A as listed in Table 2 of Subpart HHH to the Director, Southwest Regional Office and submit copies of such reports to the EPA at the appropriate address listed in 40 CFR 63.13. Reports may be submitted on electronic media.
(9VAC5-80-110, 9VAC5-60-100 Subpart HHH, 40 CFR 63.1274(b), and 40 CFR 1285(a) and (g)(2))

34. Process Equipment Requirements - The permittee shall submit to the Director, Southwest Regional Office Periodic Reports semiannually beginning 60 calendar days after the end of the applicable reporting period. The first report shall be submitted no later than 240 days after the date the Notification of Compliance Status Report is due and shall cover the 6-month period beginning on the date the Notification of Compliance Status Report is due.

Each Periodic Report shall include the information specified in 40 CFR 63.1285(e)(2)(i) through (xiii), including the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.1274(h), including actions taken to correct a malfunction.
(9VAC5-80-110, 9VAC5-60-100 Subpart HHH and 40 CFR 63.1285(b)(5), (b)(6) and (e))

35. Process Equipment Requirements - Whenever a process change is made, or a change in any information submitted in the Notification of Compliance Status Report, the permittee shall submit to the Director, Southwest Regional Office a report within 180 days after the process change is made or as a part of the next Periodic Report, whichever is sooner. The report shall include the information specified in 40 CFR 63.1285(f)(1) through (4).
(9VAC5-80-110, 9VAC5-60-100 Subpart HHH and 40 CFR 63.1285(f))

Insignificant Emission Units

36. 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 (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
WH-1	Heater: Natural gas-fired hot water heater	5-80-720 B and C	NO_x, CO, VOC, SO_2 and PM10	0.04 MMBtu/hr
T002	Storage Tank: Pipeline Liquids (H_2O)	5-80-720 B	VOC	12,000 gallons
T003	Storage Tank: Oil	5-80-720 B	VOC	7,000 gallons
T004	Storage Tank: Coolant	5-80-720 B	VOC	7,000 gallons
T005	Storage Tank: Oil	5-80-720 B	VOC	3,200 gallons
T006	Storage Tank: Triethylene Glycol (TEG)	5-80-720 B	VOC	3,000 gallons
T007	Storage Tank: Oil	5-80-720 B	VOC	1,000 gallons
T008	Storage Tank: Coolant	5-80-720 B	VOC	1,000 gallons

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9VAC5-80-720B)	Rated Capacity (9VAC5-80-720C)
T010	Storage Tank: TEG	5-80-720 B	VOC	3,000 gallons
T013	Storage Tank: Oil	5-80-720 B and C	VOC	90 gallons
T014	Storage Tank: Oil	5-80-720 B and C	VOC	250 gallons
L001	Truck Loading: Pipeline Liquids (H_2O)	5-80-720 B	VOC	9,000 gal/hr
L003	Truck Loading: Oil	5-80-720 B	VOC	9,000 gal/hr
L004	Truck Loading: Coolant	5-80-720 B	VOC	8,000 gal/hr
L005	Truck Loading: TEG	5-80-720 B	VOC	6,000 gal/hr
PC01	Piping Components: Natural Gas	5-80-720 B	VOC	N/A
PC03	Piping Components: Oil	5-80-720 B	VOC	N/A
PC04	Piping Components: Coolant	5-80-720 B	VOC	N/A
PC05	Piping Components: TEG	5-80-720 B	VOC	N/A
PC06	Piping Components: Pipeline Liquids (H_2O)	5-80-720 B	VOC	N/A
GR01	Gas Releases: Miscellaneous	5-80-720 A and B	VOC	N/A
PW01	Parts Washer: Remote Reservoir	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 9VAC5-80-110.

Permit Shield & Inapplicable Requirements

37. 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 Ka, and 9VAC5-50-410	Standards of Performance for Petroleum Liquid Storage Vessels	Storage vessels with capacities greater than 40,000 gallons used to store petroleum liquids.
40 CFR 60, Subpart Kb, and 9VAC5-50-410	Standards of Performance for Volatile Organic Liquid Storage Vessels	Storage vessels with capacities greater than or equal to 75 m^3 used to store volatile organic liquids.
40 CFR 60, Subpart GG, and 9VAC5-50-410	Standards of Performance for Stationary Gas Turbines	Affected facilities include all stationary gas turbines with a heat input at peak load greater than 10.7 gigajoules/hr.
40 CFR 60, Subpart VV, and 9VAC5-50-410	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	Applies to all equipment within a process unit in a synthetic organic chemicals manufacturing plant.
40 CFR 60, Subpart KKK, and 9VAC5-50-410	Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	Applies to each compressor in VOC service or in wet gas service; each pump, pressure relief device, open-ended valve or line, valve, and flange or other connector that is in VOC service or in wet gas service, and any device or system required by the subpart.
40 CFR 60, Subpart LLL, and 9VAC5-50-410	Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide Emissions	Applies to facilities that process natural gas: each sweetening unit, and each sweetening unit followed by a sulfur recovery unit.

Citation	Title of Citation	Description of Applicability
40 CFR 60, Subpart NNN, and 9VAC5-50-410	Standards of Performance for VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	Applies to each distillation unit not discharging its vent stream into a recovery system, each combination of a distillation unit or of two or more units and the recovery system into which their vent streams are discharged.
40 CFR 60, Subpart OOOO, and 9VAC5-50-410	Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	Applies to onshore affected facilities constructed, modified or reconstructed after August 23, 2011, and on or before September 18, 2015.
40 CFR 60, Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities	Applies to onshore affected facilities constructed, modified or reconstructed after September 18, 2015.
40 CFR 63, Subpart HH, and 9VAC5-60-100	National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities	Applies to oil and gas production facilities.
40 CFR 63, Subpart DDDDD, and 9VAC5-60-100	National Emission Standards for Hazardous Air Pollutants from Industrial, Commercial, and Institutional Boilers and Process Heaters	Applies to boilers that consist of an enclosed device using controlled flame combustion for recovering thermal energy in the form of steam or hot water, and process heaters that consist of an enclosed device using controlled flame for indirect heat transfer.

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, (ii) the DEQ pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9VAC5-80-140)

General Conditions

38. 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)

39. 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)

40. 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)

41. 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)

42. 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; and

    b. All deviations from permit requirements. For purpose 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 (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 semi-annual reporting period."

(9VAC5-80-110)

43. 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 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 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; and

g. One copy of the annual compliance certification shall be submitted 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)

44. General Conditions - Permit Deviation Reporting - The permittee shall notify the Director, Southwest 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. 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. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to Condition 42 of this permit.
(9VAC5-80-110 F.2)

45. 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, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Director, Southwest 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 Director, Southwest Regional Office.
(9VAC5-80-110 and 9VAC5-20-180)

46. General Conditions - Failure/Malfunction Reporting - The emission units that have continuous monitors subject to 9VAC5-40-50 C and 9VAC5-50-50 C are not subject to the 14 day written notification.
(9VAC5-20-180, 9VAC5-40-50 and 9VAC5-50-50)

47. General Conditions - Failure/Malfunction Reporting - Each owner required to install a continuous monitoring system (CMS) or monitoring device subject to 9VAC5-40-41 or 9VAC5-50-410 shall submit a written report of excess emissions (as defined in the applicable subpart in 9VAC5-50-410) and either a monitoring systems performance report or a summary report form, or both, to the DEQ semiannually. All semiannual reports shall be postmarked by the 30th day following the end of each calendar semiannual period (June 30th and January 30th). All reports shall include the following information:

    a. The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h) or 9VAC5-40-41 B.6, any conversion factors used, and the date and time of commencement and completion of each period of excess emissions;

b. Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the source. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted;

c. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

d. When no excess emissions have occurred or the continuous monitoring systems have not been inoperative, repaired or adjusted, such information shall be stated in the report.

All malfunctions of emission units not subject to 9VAC5-40-50 C and 9VAC5-50-50 C require written reports within 14 days of the discovery of the malfunction.
(9VAC5-80-110 and 9VAC5-180 C)

48. 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)

49. 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)

50. 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)

51. 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)

52. General Conditions - Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)

53. 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)

54. 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)

55. 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.)

56. 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.

(9VAC5-50-90 and 9VAC5-80-110)

57. 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.
(9VAC5-50-20 E and 9VAC5-80-110)

58. 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)

59. 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)

60. 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)

61. 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)

62. 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)

63. 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 and 9VAC5-80-190 C and 9VAC5-80-260)

64. 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)

65. 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)

66. 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)

67. 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)

68. 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)

69. 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)

SOURCE TESTING REPORT FORMAT

Report Cover
1. Plant name and location
2. Units tested at source (indicate Ref. No. used by source in permit or registration)
3. Test Dates.
4. Tester; name, address and report date

Certification
1. Signed by team leader/certified observer (include certification date)
2. Signed by responsible company official
3. *Signed by reviewer

Copy of approved test protocol

Summary
1. Reason for testing
2. Test dates
3. Identification of unit tested & the maximum rated capacity
4. *For each emission unit, a table showing:
   a. Operating rate
   b. Test Methods
   c. Pollutants tested
   d. Test results for each run and the run average
   e. Pollutant standard or limit
5. Summarized process and control equipment data for each run and the average, as required by the test protocol
6. A statement that test was conducted in accordance with the test protocol or identification & discussion of deviations, including the likely impact on results
7. Any other important information

Source Operation
1. Description of process and control devices
2. Process and control equipment flow diagram
3. Sampling port location and dimensioned cross section. Attached protocol includes: sketch of stack (elevation view) showing sampling port locations, upstream and downstream flow disturbances and their distances from ports; and a sketch of stack (plan view) showing sampling ports, ducts entering the stack and stack diameter or dimensions

Test Results
1. Detailed test results for each run
2. *Sample calculations
3. *Description of collected samples, to include audits when applicable

Appendix
1. *Raw production data
2. *Raw field data
3. *Laboratory reports
4. *Chain of custody records for lab samples
5. *Calibration procedures and results
6. Project participants and titles
7. Observers' names (industry and agency)
8. Related correspondence
9. Standard procedures

* Not applicable to visible emission evaluations