



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2009

www.deq.virginia.gov

Doug Domenech
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

December 17, 2010

Colonel Donald E. Kirkland
USAF Commander
Joint Base Langley-Eustis
733d Mission Support Group
1407 Washington Boulevard
Fort Eustis, Virginia 23604-5306

Location: Newport News
Registration No.: 60333
AFS Id. No.: 51-700-00002

Dear Colonel Kirkland:

Attached is a minor amendment to your state operating permit to construct and operate a military installation in accordance with the provisions of the Virginia Regulations for the Control and Abatement of Air Pollution. This permit supersedes your permit dated July 12, 2010.

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.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on December 10, 2010.

This permit approval to construct and operate shall not relieve Joint Base Langley-Eustis 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. 9 VAC 5-170-200 provides that you may request direct consideration of the decision by the Board if the Director of the DEQ made the decision. 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:

David K. Paylor, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218-1105

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.

It has been determined that there are several generators that are affected facility under 40 CFR 60, New Source Performance Standards (NSPS), Subpart IIII, and therefore subject to owner/operator requirements of the NSPS. In summary, the units are required to comply with certain federal emission standards and operating limitations over its useful life. The Department of Environmental Quality (DEQ) advises you to review the attached NSPS to ensure compliance with applicable emission and operational limitations. As the owner/operator you are also responsible for monitoring, notification, reporting, and recordkeeping requirements of the NSPS. Notifications shall be sent to EPA, Region III at the following address:

Associate Director
Office of Air Enforcement (3AP10)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

If you have any questions concerning this permit, please contact Kelly R. Giles at 757-518-2155.

Sincerely,



Jane A. Workman
Air Permit Manager

JAW/KRG/60333_009_10_SOPminamend_Joint Base Langley-Eustis.doc

Attachments: Permit
NSPS, Subpart IIII

cc: Director, OAPP (electronic file submission)
Manager, Data Analysis (electronic file submission)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III (electronic file submission)
Manager/Inspector, Air Compliance



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Doug Domenech
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Director

Francis L. Daniel
Regional Director

STATIONARY SOURCE PERMIT TO OPERATE
This permit includes designated equipment subject to
New Source Performance Standards (NSPS).

This permit supersedes your permit dated July 12, 2010.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Joint Base Langley-Eustis
1407 Washington Boulevard
Fort Eustis, Virginia 23604-5306
Registration No.: 60333
AFS Id. No.: 51-700-00002

is authorized to operate

a military installation

located at

Fort Eustis, Virginia

in accordance with the Conditions of this permit.

Approved on: December 17, 2010

A handwritten signature in cursive script that reads "Francis L. Daniel".

Francis L. Daniel

Permit consists of 13 pages.
Permit Conditions 1 to 26.

INTRODUCTION

1. This permit approval is based on the permit applications dated April 14, 2000, October 7, 2004, March 31, 2006, May 5, 2009 and May 28, 2010, including amendment information dated July 6, 2000, August 1, 2000, August 2, 2000, August 28, 2000, September 1, 2000, September 29, 2000, November 6, 2000, December 1, 2000, January 31, 2001, May 15 and 16, 2001, July 9, 2001, July 27, 2001, August 29, 2001, August 30, 2001, September 14, 2001, November 30, 2001, December 5, 2001, December 6, 2001, March 29, 2004, October 20, 2004, January 19, 2005, May 8, 2006, June 16, 2006 and September 1, 2010 and supplemental information dated June 11, 2009, August 6, 2009, August 24, 2009, September 16, 2009, December 9, 2009, December 11, 2009, December 21, 2009, December 23, 2009, January 8, 2010 by phone, January 25, 2010, February 2, 2010, February 5, 2010, February 8, 2010, February 12, 2010, February 16, 2010, February 22, 2010, March 5, 2010, June 7, 2010, September 17, 2010, October 1, 2010, October 28, 2010, November 4, 2010, November 8, 2010, November 30, 2010 and December 10, 2010. Any changes in the permit application specifications or any existing facilities which alter the impact of the facility on air quality may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-10-10 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. The regulatory reference or authority for each condition is listed in parentheses () after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

PROCESS REQUIREMENTS

2. **Equipment List** - Equipment at this facility consists of the following:

Equipment removed			
Reference No.	Equipment Description	Rated Capacity	Federal Requirements
<i>Boilers</i>			
801-1 801-2 801-3	Three (3) natural gas/distillate oil boilers (pre-NSPS)	15.1 MMBTU/hr each	N/A

Equipment taken out of service			
Reference No.	Equipment Description	Rated Capacity	Federal Requirements
<i>Exempt Equipment</i>			
VENT-1	Histology ventilation system	N/A	N/A

Equipment permitted prior to the date of this permit			
Reference No.	Equipment Description	Rated Capacity	Federal Requirements
<i>Abrasive Blasting</i>			
ABRA-1 (Bldg. 1420)	One (1) Abrasive Blasting booth with Torit Cartridge collection system	N/A	N/A
<i>Boilers</i>			
2701-1 2701-2 2701-3	Three (3) natural gas/distillate oil boilers	13 MMBTU/hr each	NSPS Dc
587-1 587-2	Two (2) natural gas/distillate oil boilers	12.6 MMBTU/hr each	NSPS Dc
FC-NG-1 FC-NG-2 FC-F2-1	Multiple natural gas/distillate oil boilers/fuel combustors	See Appendix A	N/A
<i>Engine Testing and Operation</i>			
HELI-1	Five (5) helicopter engine test cells	N/A	N/A
DIESEL-1	Multiple diesel engines for teaching, testing and operations	See Appendix B	See Appendix B
<i>Fuel Pumping Station</i>			
MOGAS-1	One (1) gas station	N/A	N/A
<i>Generators</i>			
IC-D-1	Multiple diesel emergency generators	See Appendix C	See Appendix C
IC-D-2 (Bldg. 691 & 692)	Two (2) diesel peak shaving generators Caterpillar C32 DITA	1000 kW each	NSPS IIII
IC-D-3	Two (2) emergency generators	2000 kW each	NSPS IIII
IC-NG-1 (Bldg. 1427)	Four (4) natural gas peak shaving generators	4,400 kW combined	N/A
<i>Landfills</i>			
LAND-1	Two (2) closed general waste landfills	N/A	N/A
<i>Painting</i>			
PAINT-2 (Bldg. 1417)	One (1) paint booth with filtration system (replaces outside painting area)	17.1 gal/hr	N/A
PAINT-1 (Bldg. 1411, 2411, 2715c and 3509)	Two (2) booths with filtration systems and three (3) paint booths with dry filters	N/A	N/A
<i>Parts Washers</i>			
PW-1	Multiple small parts washers	See Appendix D	N/A
<i>Storage Tanks</i>			
JP8-1	Multiple aboveground and underground JP-8 storage tanks	N/A	N/A
MOGAS-1	Multiple aboveground and underground gasoline storage tanks	N/A	N/A
AST-D-1	Multiple aboveground distillate oil storage tanks	N/A	N/A
UST-D-1	Multiple underground distillate oil storage tanks	N/A	N/A

Equipment permitted prior to the date of this permit (cont'd)			
Reference No.	Equipment Description	Rated Capacity	Federal Requirements
<i>Woodworking</i>			
WOOD-3 (Bldg. 2715C) WOOD-4 (Bldg. 3509)	Two (2) indoor woodworking shops with cyclones - vent outside	N/A	N/A

Equipment exempt from permitting			
Reference No.	Equipment Description	Rated Capacity	Federal Requirements
WOOD-1 (Bldg. 1405) WOOD-2 (Bldg. 1411)	Two (2) indoor woodworking shops with cyclones - do not vent outside	N/A	N/A

Specifications included in the permit under this Condition are for informational purposes only and do not form enforceable terms or conditions of the permit.
 (9 VAC 5-80-850)

- Operating Requirements** - The histology lab ventilation system (VENT-1) has ceased operations, is capped and taken out of service. A change in this equipment status may require a permit to modify and operate. No operations shall occur until the owner has obtained approval from the DEQ.
 (9 VAC 5-80-850)

OPERATING LIMITATIONS

- Annual Equipment Updates** - Each year with the submission of the Emission Inventory Update to DEQ Tidewater Regional Office, the permittee shall submit an update of the units listed in Appendices A through D, effective January 1, of each year. Appendix A shall contain all FC-NG-1, FC-NG-2, and FC-F2-1 boilers/fuel combustors on site and include the reference number, location, description, maximum rated capacity and date of installation for each unit. Appendix B shall contain all DIESEL-1 diesel engines on site, include the reference number, location, description, maximum rated capacity, manufacture date and date of installation for each unit. Appendix C shall contain all IC-D-1 and IC-D-3 emergency generators on site, include the reference number, location, description, maximum rated capacity, manufacture date, date of installation and NSPS III applicability for each unit. Appendix D shall contain all parts washers, PW-1, on site and include the reference number, location, description, maximum rated capacity, type of solvent and date of installation. The permittee shall identify any new equipment added since the previous update.
 (9 VAC 5-80-850)
- Emergency Generator Use** - The emergency generators (IC-D-1 and IC-D-3) shall be used **ONLY** for providing power at the location during interruption of service from the normal power supplier and for periodic testing. The operation of each emergency generator shall not exceed **500 hours per year**, including periodic equipment maintenance checks and operational training, 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.
 (9 VAC 5-80-850)

6. **Fuel** - The approved fuels are listed in the table below. A change in the fuel may require a permit to modify and operate.

Reference No.	Fuel Type(s)
587-1 587-2	Natural Gas Distillate Oil
2701-1 2701-2 2701-3	Natural Gas Distillate Oil
FC-NG-1 FC-NG-2	Natural Gas Distillate Oil (approved for dual fired units)
FC-F2-1	Natural Gas Distillate Oil (approved for dual fired units)
HELI-1	JP-8
DIESEL-1	Distillate Oil
IC-D-1	Distillate Oil
IC-D-2	Distillate Oil
IC-D-3	Distillate Oil
IC-NG-1	Natural Gas

(9 VAC 5-80-850, 9 VAC 5-80-1180, and 9 VAC 5-50-260)

7. **Fuel** - The distillate oil shall meet the specifications below:

DISTILLATE OIL which meets the ASTM D396 specification for numbers 1 or 2 fuel oil:

Maximum sulfur content per shipment:	0.5 %
Maximum sulfur content for NSPS III generators:	0.0015 %

(9 VAC 5-80-850, 9 VAC 5-80-1180, 9 VAC 5-50-260, and 9 VAC 5-50-410)

8. **Fuel Certification** - The permittee shall obtain a certification from the fuel supplier with each shipment of distillate oil for the boilers (587-1, 587-2, 2701-1, 2701-2, 2701-3) and the NSPS III applicable generators (IC-D-2 and IC-D-3). Each fuel supplier certification shall include the following:

- a. The name of the fuel supplier;
- b. The date on which the distillate oil was received;
- c. The quantity of distillate oil delivered in the shipment;
- d. A statement that the distillate oil complies with the American Society for Testing and Materials specifications (ASTM D396) for numbers 1 or 2 fuel oil; and
- e. The sulfur content of the distillate oil.

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 number 7. Exceedance of these specifications may be considered credible evidence of the exceedance of emission limits.

(9 VAC 5-80-850, 9 VAC 5-80-1180, and 9 VAC 5-50-260)

9. **Semi-Annual Reports** - The permittee shall submit fuel quality reports for the boilers (587-1, 587-2, 2701-1, 2701-2, and 2701-3) to the Director, Tidewater Regional Office within 30 days after the end of each semi-annual period. If no shipments of distillate oil were received during the semi-annual period, the semi-annual report shall consist of the dates included in the semi-annual period and a statement that no oil was received during the semi-annual period. If distillate oil was received during the semi-annual period, the reports shall include:

- a. Dates included in the semi-annual period;
- b. A copy of all fuel supplier certifications for all shipments of distillate oil received during the semi-annual period or a semi-annual summary from each fuel supplier that includes the information specified in Condition 8 for each shipment of distillate oil; and
- c. A signed statement from the owner or operator of the facility that the fuel supplier certifications or summaries of fuel supplier certifications represent all of the distillate oil burned or received at the facility.

One copy of the semi-annual report shall be submitted to the U.S. Environmental Protection Agency at the address specified in Condition 18.

(9 VAC 5-80-850, 9 VAC 5-170-160, and 9 VAC 5-50-50)

10. **Emission Controls** - Particulate Matter-10 (PM-10) emissions from the woodworking operations (WOOD-3 and WOOD-4) shall be controlled by properly operating cyclones. Woodworking operators shall be trained in the proper operations and maintenance of all particulate control equipment. Training shall consist of a review and familiarization of the manufacturer's operating instructions at a minimum. (9 VAC 5-80-850)
11. **Emission Controls** - Each cold-cleaning parts washer shall be operated in compliance with 9 VAC 5 Chapter 40, Part II, Article 24 (Rule 4-24), Emission Standards for Solvent Metal Cleaning Operations Using Non-Halogenated Solvents, including but not limited to the following:
- a. Control requirements.
 - i. Covers or enclosed remote reservoirs shall be provided. Covers should be designed so that they can be easily operated with one hand. Enclosed remote reservoirs should be designed such that they provide reduction effectiveness equivalent to that of a cover;
 - ii. External or internal drainage facilities should be provided to collect and return the solvent to a closed container or a solvent cleaning machine. If solvent volatility is greater than 0.6 psi measured at 100°F, then the drainage facilities should be internal, so that parts are enclosed under the cover while draining. The drainage facilities may be external for applications where an internal type cannot fit into the cleaning system;
 - iii. A permanent label, summarizing the operating procedures in parts b.i through b.iii of this condition, shall be placed in a conspicuous location on or near the degreaser;
 - iv. If used, the solvent spray should be a solid, fluid stream (not a fine, atomized or shower type spray) and at a pressure which does not cause excessive splashing;
 - v. If a solvent volatility is greater than 0.6 psi measured at 100°F, or if solvent is heated above 120°F, then the degreaser (if the open area is greater than 20 ft²) should be equipped with one of the following vapor control methods:
 - (a) Freeboard ratio that is equal to or greater than 0.7;
 - (b) Water cover (solvent should be insoluble in and heavier than water);
 - (c) Refrigerated chiller (a secondary set of condensing coils operating with a coolant or less than 40°F);
 - (d) Carbon adsorption system, with ventilation of 50 cfm/ft² or greater of air/vapor area (when down-time covers are open), and exhausting less than 25 ppm of solvent by volume averaged over a complete adsorption cycle; or
 - (e) Any method of equal or greater control efficiency to the methods in parts a.v.(a) through a.v.(d) of this condition, provided such method is approved by the board.
 - b. Operating requirements.
 - i. Waste solvent should not be disposed of or transferred to another party, such that greater than 20% of the waste (by weight) can evaporate into the atmosphere. Store waste solvent only in closed containers;
 - ii. The degreaser cover shall be closed whenever not handling parts in the cleaner;
 - iii. Cleaned parts shall drain for at least 15 seconds or until dripping ceases.

c. Disposal of waste solvent shall be by reclamation (either by outside services, in-house or incineration).
(9 VAC 5-80-850)

12. **Requirements by Reference** - Except where this permit is more restrictive than the applicable requirement, the NSPS equipment as described in Condition 2 shall be operated in compliance with the requirements of 40 CFR 60, Subpart Dc.

Note: All applicable requirements of 40 CFR 60, Subpart Dc **may not be** specifically listed in this permit. The permittee should refer to the applicable regulation for additional requirements not included in this permit.

(9 VAC 5-80-850, 9 VAC 5-50-400, and 9 VAC 5-50-410)

EMISSION LIMITS

13. **Process Emission Limits** - Emissions from the operation of each boiler (587-1 and 587-2) shall not exceed the limits specified below:

Pollutant	Lbs/hr
PM-10	0.2
Sulfur Dioxide	6.6
Nitrogen Oxides (as NO ₂)	1.9
Carbon Monoxide	1.1
Volatile Organic Compounds	0.1

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 Condition numbers 6, 7, 8, 9, 16, and 17.

(9 VAC 5-80-850 and 9 VAC 5-50-260)

14. **Process Emission Limits** - Emissions from the operation of each boiler (2701-1, 2701-2, and 2701-3) shall not exceed the limits specified below:

Pollutant	Lbs/hr
PM-10	0.2
Sulfur Dioxide	6.8
Nitrogen Oxides (as NO ₂)	1.9
Carbon Monoxide	1.1
Volatile Organic Compounds	0.1

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 Condition numbers 6, 7, 8, 9, 16 and 17.
(9 VAC 5-80-850 and 9 VAC 5-50-260)

15. **Facility wide Emission Limits** - Total emissions from the permitted facility, combined, shall not exceed the limits specified below:

Pollutant	Tons/yr
PM-10	11.0
Sulfur Dioxide	42.0
Nitrogen Oxides (as NO ₂)	99.0
Carbon Monoxide	63.0
Volatile Organic Compounds	66.0
Hazardous Air Pollutants Individual (maximum)	9.0
Hazardous Air Pollutants Total (facility wide)	23.0

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 Condition numbers 3 - 12 and 16, and by emission calculations as required by Condition number 17.
(9 VAC 5-80-850)

16. **Visible Emission Limit** - Visible emissions, as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A), from the equipment listed shall not exceed the limits specified below:

Reference No.	Opacity Limit	Except during one six-minute period in any one hour in which visible emissions shall not exceed
ABRA-1*	20%	30%
IC-D-2* IC-D-3*	10%	[Hatched Area]
Each boiler and generator* (except IC-D-2 and IC-D-3)	20%	30%
PAINT-1 PAINT-2	20%	30%

* - This condition applies at all times except during startup, shutdown and malfunction.

(9 VAC 5-80-850, 9 VAC 5-50-80, 9 VAC 5-50-20, and 9 VAC 5-80-1180)

RECORDS

17. **On Site Records** - 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 Director, Tidewater Regional Office. These records shall include, but are not limited to:
- a. Monthly and annual throughput of natural gas and distillate oil for each NSPS Dc boiler (2701-1, 2701-2, 2701-3, 587-1, and 587-2). Annual throughput shall be 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. All fuel supplier certifications for the boilers (587-1, 587-2, 2701-1, 2701-2, and 2701-3) and diesel fired peak shaving generators (Ref. No. IC-D-2).
 - c. Annual hours of operation for the diesel generators (IC-D-1 and IC-D-3) individually and combined, 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.
 - d. Annual criteria pollutant emission calculations to verify compliance with the emission limitations in Condition 15. The permittee shall track and calculate all criteria pollutant (PM-10, Sulfur Dioxide, Nitrogen Oxides (as NO₂), Carbon Monoxide and Volatile Organic Compounds) emissions based on actual usage and content for each criteria pollutant emitting process/operation. Annual emissions for each criteria pollutant shall be 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.

- e. Annual HAP emissions calculations (individual and total) to verify compliance with the emission limitations in Condition 15. The permittee shall track and calculate all HAPs emissions based on actual usage and HAP content for each HAP containing material for each stationary source (ABRA-1, 2701-1, 2701-2, 2701-3, 587-1, 587-2, FC-NG-1, FC-NG-2, FC-F2-1, HELI-1, DIESEL-1, MOGAS-1, IC-D-1, IC-D-2, IC-D-3, IC-NG-1, LAND-1, PAINT-1, PAINT-2, JP8-1, AST-D-1, UST-D-1 and PW-1). Annual HAP emissions (individual and total) shall be 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.

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

(9 VAC 5-80-850 and 9 VAC 5-80-900)

NOTIFICATIONS

18. **Initial Notifications** - The permittee shall furnish written notification to the Tidewater Regional Office of:

- a. The actual start-up of the two diesel fired emergency generators (IC-D-3) within 15 days after such date.

Copies of the written notification referenced in item a above are to be sent to:

Associate Director
Office of Air Enforcement (3AP10)
US Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

(9 VAC 5-50-50 and 9 VAC 5-80-1180)

GENERAL CONDITIONS

19. **Right of Entry** - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
- c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and
- d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.

(9 VAC 5-170-130 and 9 VAC 5-80-850)

20. **Record of Malfunctions** – The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.
(9 VAC 5-20-180 J and 9 VAC 5-80-850)
21. **Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Director, Tidewater Regional Office of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone, or telegraph. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Director, Tidewater Regional Office in writing.
(9 VAC 5-20-180 C and 9 VAC 5-80-850)
22. **Violation of Ambient Air Quality Standard** - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-20-180 I and 9 VAC 5-80-850)
23. **Maintenance/Operating Procedures** – At all times, including periods of start-up, shutdown and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
(9 VAC 5-50-20 E and 9 VAC 5-80-850)
24. **Permit Suspension/Revocation** - This permit may be revoked if the permittee:
- a. Knowingly makes material misstatements in the permit application or any amendments to it;
 - b. Fails to comply with the terms or conditions of this permit;
 - c. Fails to comply with any emission standards applicable to a permitted emissions unit;
 - d. Causes emissions from this facility which result in violations of, or interferes with the attainment and maintenance of, any ambient air quality standard;
 - e. Fails to operate this facility in conformance with any applicable control strategy, including any emission standards or emission limitations, in the State Implementation Plan in effect at the time that an application for this permit is submitted; or
 - f. Fails to comply with the applicable provisions of Articles 6, 8, and 9 of 9 VAC 5 Chapter 80.
- (9 VAC 5-80-1010)

25. **Change of Ownership** - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current permit issued to the previous owner. The new owner shall notify the Director, Tidewater Regional Office of the change of ownership within 30 days of the transfer.
(9 VAC 5-80-940)
26. **Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-80-860 D)