State of New Hampshire
Department of Environmental Services
Air Resources Division

Temporary Permit

Permit No: TP-0215
Date Issued: April 20, 2018

This certifies that:

University System of New Hampshire
27 Concord Road
Durham, NH 03824

has been granted a Temporary Permit for:

One Pyrotech Dry Wood Chip Boiler

at the following facility and location:

University of New Hampshire
22 Colovos Road
Durham, NH 03824

Facility ID No: **3301700009**
Application No: **18-0043**, received February 26, 2018

which includes devices that emit air pollutants into the ambient air as set forth in the permit application referenced above which was filed with the New Hampshire Department of Environmental Services (department), Air Resources Division (department) in accordance with RSA 125-C of the New Hampshire Laws. Request for permit renewal must be received by the department at least 90 days prior to expiration of this permit and must be accompanied by the appropriate permit application forms.

This permit is valid upon issuance and expires on **October 31, 2019**.

Craig Wright COPY

Director
Air Resources Division

Abbreviations and Acronyms

AAL	Ambient Air Limit
acf	actual cubic foot
ags	above ground surface
ASTM	American Society of Testing and Materials
Btu	British thermal units
CAS	Chemical Abstracts Service
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CO	Carbon Monoxide
DER	Discrete Emission Reduction
Env-A	New Hampshire Code of Administrative Rules – Air Resources Division
ERC	Emission Reduction Credit
ft	foot or feet
ft^3	cubic feet
gal	gallon
HAP	Hazardous Air Pollutant
hp	horsepower
hr	hour
kW	kilowatt
lb	pound
LPG	Liquefied Petroleum Gas
MM	million
MSDS	Material Safety Data Sheet
MW	megawatt
NAAQS	National Ambient Air Quality Standard
NG	Natural Gas
NHDES	New Hampshire Department of Environmental Services (department)
NOx	Oxides of Nitrogen
NSPS	New Source Performance Standard
PM10	Particulate Matter < 10 microns
ppm	parts per million
psi	pounds per square inch
RACT	Reasonably Available Control Technology
RSA	Revised Statutes Annotated
RTAP	Regulated Toxic Air Pollutant
scf	standard cubic foot
SO2	Sulfur Dioxide
TSP	Total Suspended Particulate
tpy	tons per consecutive 12-month period
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

I. Facility Description

University System of New Hampshire (UNH), Durham campus is an educational institution located in Durham, New Hampshire. This temporary permit is for the construction of a biomass boiler system at The Thompson School of Applied Science which is an academic unit of the College of Life Sciences and Agriculture at UNH. The Thompson School is located a significant distance (approximately 2000 linear feet) from the Central Heating Plant (CHP) and UNH has elected to construct a dedicated heating plant for this area of campus. The Thompson School heating plant will consist of a 2.95 MMBtu/hr biomass boiler (EU26) which exceeds permitting threshold and two 4.7 MMBtu/hr natural gas boilers that are below permitting threshold.

UNH is a major source for the Title V (TV) program based on permitted emission rates of sulfur dioxide (SO_2), nitrogen oxides (NOx), carbon monoxide (CO), particulate matter (PM10) and volatile organic compounds (VOCs). Title V Operating Permit TV-0010 was issued to UNH on March 16, 2018, with an expiration date of February 28, 2023. The facility is considered an existing major source under the federal Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR) programs. This project is not a major modification under PSD/NNSR programs because emissions increases from the project are below the PSD/NNSR significance thresholds. Upon issuance of this permit, UNH shall comply with all conditions of TV-0010 and this permit.

II. Emission Unit Identification

This permit covers the device identified in Table 1:

Table 1 - Emission Unit Identification

Emission Unit ID	Device Identification	Manufacturer Model Number	Installation Date	Maximum Design Capacity[1] and Permitted Fuel Type(s)[2]
EU26	Thompson School District Biomass Boiler System	Viessmann Manufacturing KPT 720 Pyrotec	2018	2.95 MMBtu/hr Dry Wood Chips (approximately 30% moisture) – equivalent to 0.25 tons/hr

III. Pollution Control Equipment Identification

Air pollution control equipment listed in Table 2 shall be operated at all times that the associated device is operating in order to meet permit conditions.

Table 2 - Pollution Control Equipment Identification

Pollution Control Equipment ID	Description	Purpose	Emission Unit Controlled
PCE08	Multicyclone	Control of particulate matter	EU26

[1] The hourly fuel rates presented in Table 1 are set assuming a heating value of 6,000 Btu/lb for dry wood chips containing 30% moisture.

[2] "Untreated wood" means any timber, board, or sawn dimensional lumber which has not been treated, coated or preserved. "Pursuant to RSA 125-C:10-c, Combustion Ban, no person shall combust the wood component of construction and demolition debris, as defined in RSA 149-M:4, IV-a, or any mixture or derivation from said component."

IV. Stack Criteria

EU26 shall have an exhaust stack that discharges vertically without obstruction[3] and meets the criteria in Table 3.

Table 3 – Stack Criteria

Stack Number	Emission Unit ID Number	Emission Unit Description	Minimum Height (feet above ground surface)	Maximum Diameter (feet)
11	EU26	Thompson School District Biomass Boiler System	40	1.17

V. Operating and Emission Limitations

The Owner or Operator shall be subject to the operating and emission limitations identified in Table 4:

Table 4 - Operating and Emission Limitations

Item #	Requirement	Applicable Emission Unit	Regulatory Basis
1.	*Particulate Emission Standards for Fuel Burning Devices Installed on or After January 1, 1985* The particulate matter emissions from fuel burning devices installed on or after January 1, 1985 shall not exceed 0.30 lb/MMBtu.	EU26	Env-A 2003.03
2.	*Visible Emission Standard for Fuel Burning Devices Installed After May 13, 1970* The average opacity from the device shall not exceed 20 percent for any continuous 6-minute period[4].	EU26	Env-A 2002.02
3.	*Pollution Control Equipment Operation and Maintenance* a. Mulitcyclone operation and maintenance shall be in accordance with the Air Pollution Control Monitoring Plan submitted with Application 18-0043, and updated in accordance with Table 7, Item7. b. Differential pressure shall be maintained between 0.1 and 3.5 inches of water.	PCE08	Env-A 604.01
4.	*Boiler Maintenance* Inspect the grates of the boiler once a day and clean grates or rake ash as necessary when operator is on duty.	EU26	RSA 125-C:11, III

[3] There is no impediment to vertical flow and the exhaust stack extends at least 2 feet higher than any roofline within 10 feet of the exhaust stack exit, measured horizontally.

[4] Compliance with visible emission limitations shall be determined using 40 CFR 60, Appendix A, Method 9, or other department approved method, upon request by the department.

Table 4 - Operating and Emission Limitations			
Item #	**Requirement**	**Applicable Emission Unit**	**Regulatory Basis**
5.	*NESHAP General Provisions* At all times, the Owner or Operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Owner or Operator to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on available information that 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.	EU26	40 CFR 63.11205 (Subpart JJJJJJ)

VI. Monitoring and Testing Requirements

The Owner or Operator is subject to the monitoring and testing requirements as contained in Table 5:

Table 5 - Monitoring and Testing Requirements					
Item #	**Parameter**	**Method of Compliance**	**Frequency**	**Applicable Unit**	**Regulatory Basis**
1.	Visible Stack Emissions	a. Conduct observations for visible emissions from the stack. The observation period shall be at least one minute. b. Field records/observations shall include the following: 1. Date and time; 2. Name of observer; 3. Sky conditions; 4. Sun location – select a position where the sunlight is not shining directly in the observer's eyes; 5. Whether or not visible emissions are typical of good plant operation; and 6. Corrective actions or Method 9 observations performed, if any. c. If visible emissions indicate a problem, then the Owner or Operator shall: 1. Take immediate corrective action to return the device to normal operation. 2. If initial corrective action is not effective, perform a Method 9 visible	Daily when operating	EU26	RSA 125-C:6, XI

Table 5 - Monitoring and Testing Requirements					
Item #	**Parameter**	**Method of Compliance**	**Frequency**	**Applicable Unit**	**Regulatory Basis**
		emissions observation within 24 hours to determine compliance status. Apply additional corrective actions to re-establish compliance, as necessary.			
2.	Differential pressure	a. Monitor continuously and record, either manually or electronically, the differential pressure across the multicyclone. The differential pressure reading shall be taken to correlate with the visible emission observation.	Monitor continuously and record once per day when operating	PCE08	RSA 125-C:6, XI; Env-A 906 and Env-A 911.03(b)
		b. If the differential pressure is outside of the operating range specified in Table 4, Item 3, then inspect the unit and take necessary corrective actions to improve the performance of the unit. c. If the multicyclone cannot be returned to the operating range specified in Table 4, Item 3 within 48 hours of the excursion[5], then report the excursion pursuant to Table 7, Item 8.	As noted		
		d. Inspect pressure sensing lines and gauge; and e. Remove the pressure sensing lines and verify that the differential pressure gauge indicates zero prior to re-installing.	Annually		
3.	Multicyclone Operation	Conduct a visual external integrity inspection of the multicyclone: a. The inspection shall include an evaluation of whether all emissions are being vented through the dedicated stack exit; and b. The inspection shall be conducted by plant personnel familiar with the operation of the multicyclone and boiler; and c. The inspection shall include the multicyclone shell, piping and ducts for leaks, ash removal piping, multicyclone flex hose and gasket, and for abnormal noise and hot spots.	Monthly	PCE08	Env-A 604.01

[5] An excursion occurs when a monitored parameter specified by the permit to document the performance of the air pollution control equipment is above the maximum or below the minimum set point or is outside of the required operating range for that parameter.

Table 5 - Monitoring and Testing Requirements					
Item #	**Parameter**	**Method of Compliance**	**Frequency**	**Applicable Unit**	**Regulatory Basis**
4.	Inspection	Inspect multicyclone interior for erosion, wear, corrosion and improper dust distribution.	Annually	PCE08	RSA 125-C:6, XI
5.	Boiler Tune-up	*NESHAP for Area Sources: Industrial, Commercial and Institutional Boilers - Boiler Tune-up Requirement* The owner or operator shall conduct a performance tune-up of the boiler to demonstrate continuous compliance. The tune-up shall consist of the following: a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary;[6] b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available; c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly; d. Optimize total emissions of carbon monoxide (CO). This optimization shall be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide (NOx) requirement to which the unit is subject; and e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made.[7]	No later than 61 months after initial startup and every 5 years thereafter[8]	EU26	40 CFR 63.11201(b) & 40 CFR 63.11223 Subpart JJJJJJ

[6] The burner inspection and/or the inspection of the system controlling the air-to-fuel ratio may be delayed until the next scheduled unit shutdown, not to exceed 72 months from the previous inspection.

[7] Measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made. Measurements may be taken using a portable CO analyzer.

[8] The boiler will be equipped with an oxygen trim system. Each 5-year tune-up must be conducted no more than 61 months after the previous tune-up. In addition, if the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

VII. Recordkeeping Requirements

The Owner or Operator shall be subject to the recordkeeping requirements identified in Table 6:

Table 6 - Recordkeeping Requirements

Item #	Requirement	Duration/ Frequency	Applicable Unit	Regulatory Basis
1.	*General Recordkeeping Requirements for Combustion Devices* The owner or operator shall maintain records of type (e.g., wood chips) and amount of fuel burned in the boiler.	Monthly	EU26	Env-A 903.03
2.	*Additional Recordkeeping Requirements: Boilers and Pollution control equipment* Maintain records of all visible stack emission observations and air pollution control equipment activities required in Table 5, Items 1, 2, 3 and 4.	As specified in Table 5	EU26 & PCE08	Env-A 906
3.	*NESHAP for Area Sources: Industrial, Commercial and Institutional Boilers - Recordkeeping Requirements* The owner or operator shall maintain the following records: a. A copy of each notification and report that the owner or operator submitted to comply with 40 CFR 63, Subpart JJJJJJ; b. Records to document conformance with the work practices, emission reduction measures, and management practices. Tune-up records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned; c. The records must be in a form suitable and readily available for expeditious review; and d. Maintain on-site and submit, if requested by the US EPA, Region 1 and the department, a report containing the following information: i. The concentrations of CO in the effluent stream in parts per million, by volume and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler; and ii. A description of any corrective actions taken as a part of the tune-up of the boiler.	Maintain on a continuous basis	EU26	40 CFR 63.11225(c), 40 CFR 63.11225(d) and 63.11223(b)(6) Subpart JJJJJJ

Table 6 - Recordkeeping Requirements				
Item #	**Requirement**	**Duration/ Frequency**	**Applicable Unit**	**Regulatory Basis**
4.	*VOC Emission Statements Recordkeeping Requirements* If the actual annual VOC emissions from all permitted devices located at the Facility are greater than or equal to 10 tpy, then record the following information: a. Identification of each VOC-emitting process or device; b. The operating schedule during the high ozone season (June 1 through August 31) for each VOC-emitting process or device identified in a. above, including: 1. Typical hours of operation per day; and 2. Typical days of operation per calendar month. c. The following VOC emission data from all VOC-emitting processes or devices identified in Table 6, Item 4.a above, including: 1. Actual monthly VOC emissions, in tons; 2. Typical high ozone season day VOC emissions, in pounds per day; and 3. The emission factors and the origin of the emission factors used to calculate the VOC emissions.	Maintain Data for Annual Report	EU26	Env-A 904
5.	*General NO_x Recordkeeping Requirements* If the actual annual NO_x emissions from all permitted devices located at the Facility are greater than or equal to 10 tpy, then record the following information: a. Identification of each fuel burning device; b. Operating schedule during the high ozone season (June 1 through August 31) for each fuel burning device identified in Table 6, Item 5.a, above, including: 1. Typical hours of operation per day; 2. Typical days of operation per calendar month; 3. Type and amount of each fuel burned; 4. Design heat input rate in MMBtu/hr; and 5. The following NOx emission data: i. Actual NOx emissions per month; ii. Typical high ozone season day NOx emissions, in pounds per day; and iii. Emission factors and the origin of the emission factors used to calculate the NOx emissions.	Maintain Data for Annual Report	EU26	Env-A 905.02

VIII. Reporting Requirements

A. Pursuant to Env-C 203.02(b), *Date of Issuance or Filing*, written documents shall be deemed to have been filed with or received by the department on the actual date of receipt by the department, as evidenced by a date stamp placed on the document by the department in the normal course of business.

B. All emissions data submitted to the department shall be available to the public. Claims of confidentiality for any other information required to be submitted to the department pursuant to this permit shall be made at the time of submission in accordance with Env-A 103, *Claims of Confidentiality*.

C. The Owner or Operator shall be subject to the reporting requirements identified in Table 7 below.

Table 7 - Reporting Requirements

Item #	Requirement	Frequency	Applicable Emission Unit	Regulatory Basis
1.	*Annual Emissions Report* Include the following information in the annual emissions report required by TV-0010, Table 8, Item 2: a. Actual calendar year emissions of NO_x, CO, SO_2, filterable PM, filterable PM10, filterable PM2.5, condensable PM, HAPs, lead, CO_{2e} and VOCs; b. The emission factors and the origin of the emission factors; and c. All information recorded in accordance with Table 6, Item 1.	Annually (received by the department no later than April 15th of the following year)	EU26	Env-A 907.02
2.	*VOC Emission Statements Reporting Requirements* If the actual annual VOC emissions from all permitted devices located at the Facility are greater than or equal to 10 tpy, then include all the data recorded in accordance with Table 6, Item 4 with the annual emission report.	Annually (received by the department no later than April 15th of the following year)	EU26	Env-A 908
3.	*NO_x Emission Statements Reporting Requirements* If the actual annual NO_x emissions from all permitted devices located at the Facility are greater than or equal to 10 tpy, then include the following information with the annual emission report: a. A breakdown of NO_x emissions reported pursuant to Table 7, Item 1 by month; and b. All data recorded in accordance with Table 6, Item 5.	Annually (received by the department no later than April 15th of the following year)	EU26	Env-A 909

Table 7 - Reporting Requirements				
Item #	**Requirement**	**Frequency**	**Applicable Emission Unit**	**Regulatory Basis**
4.	*NESHAP for Area Sources: Industrial, Commercial and Institutional Boilers - Reporting Requirements:* *Initial Notification* shall contain the following: a. Name and address of the owner or operator; b. The address (i.e. physical location) of the affected source; c. An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date; d. A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the affected source subject to the relevant standard and types of hazardous air pollutants emitted; and e. A statement of whether the affected source is a major source or an area source.	Within 120 days after the facility becomes subject to the standard, to US EPA, Region 1 and the department	EU26	40 CFR 63.9(b)(2) Subpart A & 63.11225(a)(2) Subpart JJJJJJ
5.	*Startup Notification* Submit a startup notification to the department and USEPA – Region 1 within 15 days after such date. All reports submitted to the department shall be submitted to the following address: New Hampshire Department of Environmental Services Air Resources Division 29 Hazen Drive P.O. Box 95 Concord, NH 03302-0095 ATTN: Section Supervisor, Compliance Bureau All reports submitted to USEPA shall be submitted to the following address: US EPA-New England, Region 1 5 Post Office Sq. Suite 100 Mail Code OES04-2 Boston, MA 02109-3912 Attn: Air Compliance Clerk	Actual date of startup, received by the department within 15 days after such date	EU26	40 CFR 63.9(b)(5) Subpart A

Table 7 - Reporting Requirements				
Item #	**Requirement**	**Frequency**	**Applicable Emission Unit**	**Regulatory Basis**
6.	*Compliance Certification Report* must be prepared every 5-years and must contain: a. Company name and address. b. Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: i. "This facility complies with the requirements in § 63.11223 to conduct a biennial or 5-year tune-up of each boiler"; and ii. No secondary materials that are solid waste were combusted in any affected unit".[9] The owner or operator shall maintain the report and submit it only upon the request of US EPA, Region 1 and the department.	Prepared every 5 years (no later than March 1st) and submitted to US EPA Region 1 and the department upon request	EU26	40 CFR 63.11225(b) Subpart JJJJJJ
7.	*Air Pollution Control Equipment Monitoring Plan* If the owner or operator determines that the information and procedures documented in the air pollution control equipment monitoring plan submitted with Application 18-0043 need to be changed at any time to accurately represent the activities performed to maintain the control equipment, the owner or operator shall submit a revised monitoring or management plan, as applicable, to the department in writing.	Submit to the department within 30 days of any change to the plan	PCE08	Env-A 810.02
8.	*Monitoring Parameter Excursion* In the event of an excursion of the any monitored parameter specified in Table 4, Item 3, lasting more than 48 hours in duration: a. Notify the department of the permit deviation and excess emissions by telephone (603-271-1370), fax (603-271-7053) or e-mail (pdeviations@des.nh.gov), within 24 hours of discovery of the permit deviation, unless it is a	As specified	EU26/PCE08	Env-A 911.04 (effective 7/18/15) State-only enforceable

[9] Per 40 CFR Part 241.2, *Solid Wastes Used as Fuels or Ingredients in Combustion Units*, secondary material means any material that is not the primary product of a manufacturing or commercial process, and can include post-consumer material, off-specification commercial chemical products or manufacturing chemical intermediates, post-industrial material and scrap.

Table 7 - Reporting Requirements				
Item #	**Requirement**	**Frequency**	**Applicable Emission Unit**	**Regulatory Basis**
8. (cont.)	Saturday, Sunday, or state legal holiday, in which event, the department shall be notified on the next day which is not a Saturday, Sunday, or state legal holiday; b. Submit a written report of the deviation on paper or by electronic means to the department within 10 days of discovery of the permit deviation reported above. The report shall include all of the following information: 1. Facility name; 2. Facility address; 3. Name of the responsible official; 4. Facility telephone number; 5. A description of the permit deviation, including the applicable permit number and permit condition(s); 6. The probable cause of the permit deviation; 7. The date and time of the discovery of the permit deviation; 8. The actual date(s) and time(s) of the permit deviation; 9. The duration of the permit deviation, including the date and time that the device, process or air pollution control equipment returned to operation in compliance with an enforceable emission limitation or operating condition; 10. The specific device, process or air pollution control equipment that contributed to the permit deviation; 11. Any corrective measures taken to address the permit deviation; 12. Preventative measures taken to prevent future permit deviations; 13. The type and amount of any excess emissions that occurred as a result of the permit deviation, if applicable; and 14. If applicable, the calculation or estimation used to quantify the excess emissions.			
9.	*Emission Based Fee* Pay emission-based fee in accordance with Condition XI.	Annually (no later than April 15th of the following year)	EU26	Env-A 705

X. Permit Amendments

A. Env-A 612.01, *Administrative Permit Amendments*:

1. An administrative permit amendment includes the following:
   a. Corrects typographical errors;
   b. Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
   c. Requires more frequent monitoring or reporting; or
   d. Allows for a change in ownership or operational control of a source provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the department.
2. The Owner or Operator may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.

B. Env-A 612.03, *Minor Permit Amendments: Temporary Permits and State Permits to Operate*:

1. The Owner or Operator shall submit to the department a request for a minor permit amendment for any proposed change to any of the conditions contained in this permit which does not qualify as either an administrative or significant amendment.
2. The request for a minor permit amendment shall be in the form of a letter to the department and shall include the following:
   a. A description of the proposed change; and
   b. A description of any new applicable requirements that will apply if the change occurs.
3. The Owner or Operator may implement the proposed change immediately upon filing a request for the minor permit amendment, but shall be subject to enforcement if the department later determines that the change violated any applicable state or federal requirement.

C. Env-A 612.04, *Significant Permit Amendments: Temporary Permits and State Permits to Operate*:

1. The Owner or Operator shall submit a written request for a permit amendment to the department prior to the implementation of any proposed change which meets one of the following:
   a. Any proposed change to an existing process or device that results in the following:
      i. Any increase in allowable hourly or annual emissions of NOx, SO_2, VOCs, HAPs or PM_{10}; or
      ii. Any increase in potential emissions equal to or greater than 5 lb/hr of CO;
   b. Any proposed change to operating or emission limitations;
   c. Any proposed change in the type of pollution control equipment; or
   d. Any proposed change that results in an increase in previously-allowed loading of existing pollution control equipment by greater than 50%.

2. A request for a significant permit amendment shall include the following:
   a. A complete application form, as described in Env-A 1703 through Env-A 1708, as applicable;
   b. A description of:
      i. The proposed change;
      ii. The emissions resulting from the change; and
      iii. Any new applicable requirements that will apply if the change occurs; and
   c. Where air pollution dispersion modeling is required for a device pursuant to Env-A 606.02, the information required pursuant to Env-A 606.04.
   d. An air pollution control equipment monitoring plan pursuant to Env-A 810.01.
3. The Owner or Operator shall not implement the proposed change until the department issues the amended permit.

XI. Emission-Based Fee Requirements

A. Env-A 705.01, *Emission-based Fee*: The Owner or Operator shall pay to the department each year an emission-based fee for emissions from the emission units listed in Condition II.

B. Env-A 705.02, *Determination of Actual Emissions for use in Calculating of Emission-based Fees*: The Owner or Operator shall determine the total actual annual emissions from the emission units listed in Condition II for each calendar year in accordance with the methods specified in Env-A 705.02. If the emissions are determined to be less than one ton, the emission-based fee shall be calculated using an emission-based multiplier of one ton.

C. Env-A 705.03, *Calculation of Emission-based Fee*: The Owner or Operator shall calculate the annual emission-based fee for each calendar year in accordance with the procedures specified in Env-A 705.03 and the following equation:

$$FEE = E * DPT$$

where:

FEE = The annual emission-based fee for each calendar year as specified in Env-A 705;

E = Total actual emissions as determined pursuant to Condition XI.B; and

DPT = The annual fee, in dollars per ton of emissions, which the department has calculated in accordance with Env-A 705.03[10].

D. Env-A 705.04, *Payment of Emission-based Fee*: The Owner or Operator shall submit, to the department, payment of the emission-based fee so that the department receives it on or before April 15th for emissions during the previous calendar year. For example, the fees for calendar year 2018 shall be received on or before April 15, 2019.

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[10] For additional information on emission-based fees, visit the department website at http://des.nh.gov/organization/divisions/air/pehb/apps/fees.htm.