State of Ohio Environmental Protection Agency

Street Address:
1800 WaterMark Drive
Columbus, OH 43215-1099

**TELE:** (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address:
P.O. Box 1049
Columbus, OH 43216-1049

12/03/98

**CERTIFIED MAIL**

**RE: Preliminary Proposed Title V**
**Chapter 3745-77 permit**

16-77-01-0091
The University of Akron
Francois D. Song
180 E. Mill St.
Akron, OH 44325-0607

Dear Francois D. Song:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 09/24/98. The comment period has ended. We are now ready to submit this permit to USEPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written or with agreed-upon changes, then you have the opportunity to schedule a meeting with us to discuss your concerns.

Please contact Jim Orlemann, Engineering Section Manager, 614-644-3592, or you can telefax your request to (614) 644-3681, within fourteen (14) days from receipt of this letter if a meeting is desired. If a request for a meeting is not received within fourteen (14) days of receipt of this letter, we will forward this proposed permit (as written, or with agreed-upon changes) to USEPA for approval.

Very truly yours,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: Akron Air Pollution Control
Becky Castle, DAPC PMU

**Ohio EPA**
State of Ohio Environmental Protection Agency

# TITLE V PERMIT

Date: 12/03/98

## PRELIMINARY PROPOSED

Effective Date:

Expiration Date:

This document constitutes issuance to:

The University of Akron
180 E. Mill St.
Akron, OH 44325-0607

of a Title V permit for Facility ID: 16-77-01-0091

Emissions Unit ID (Company ID)/
Emissions Unit Activity Description:
B031 (Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr))
Used to heat water for use on campus.

B032 (Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr))

Used to heat water for use on campus.

B033 (Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr))
Used to heat water for use on campus.

G001 (Lincoln Street Dispensing Facility)
Both tanks (gasoline and diesel) each have a pump and nozzle for dispensing into University employee vehicles.

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-04(A) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Akron Air Pollution Control
146 South High Street, Room 904
Akron, OH 44308
(330) 375-2480

OHIO ENVIRONMENTAL PROTECTION AGENCY

_____

Director

# PART I - GENERAL TERMS AND CONDITIONS

**A. State and Federally Enforceable Section**

**1. Monitoring and Related Recordkeeping and Reporting Requirements**

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.
ii. The date(s) analyses were performed.
iii. The company or entity that performed the analyses.
iv. The analytical techniques or methods used.
v. The results of such analyses.
vi. The operating conditions existing at the time of sampling or measurement.

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, recordkeeping, and reporting requirements. If no deviations occurred during a six-month

period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

**2. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

**3. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

**4. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

**5. Severability Clause**

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

**6. General Requirements**

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the 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 federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**7. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

**8. Marketable Permit Programs**

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

**9. Reasonably Anticipated Operating Scenarios**

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

**10. Reopening for Cause**

This Title V permit will be reopened prior to its expiration date under the following conditions:

a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen 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 paragraph (E)(1) of OAC rule 3745-77-08.

b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

**11. Federal and State Enforceability**

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

**12. Compliance Requirements**

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the appropriate Ohio EPA District Office or local air agency in the following manner and with the following content:

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.

ii. Compliance certifications shall include the following:

(a) An identification of each term or condition of this permit that is the basis of the certification.

(b) The permittee's current compliance status.

(c) Whether compliance was continuous or intermittent.

(d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.

(e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

**13. Permit Shield**

a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

**14. Operational Flexibility**

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

**15. Emergencies**

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

**16. Off Permit Changes**

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition;

b. The permittee provides contemporaneous written notice of the change to the director and the administrator, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;

c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F);

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; and

e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For further clarification, the permittee can refer to Engineering Guide #63 that is available in their STARSHIP software package.)

17. **Compliance Method Requirements**

No term or condition specifying a method for demonstrating compliance with any emission limitation or other requirement of this permit shall preclude the use by any person of any credible evidence to establish compliance with or a violation of this permit, the Clean Air Act, or any implementing regulations or rules promulgated thereunder.

**B. State Only Enforceable Section**

**1. Permit to Install Requirement**

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

**2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements**

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

**3. Records Retention Requirements**

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

**4. Inspections and Information Requests**

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)**

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

# Part II - Specific Facility Terms and Conditions

## A. State and Federally Enforceable Section

**None**

## B. State Only Enforceable Section

**1.** The permittee is hereby notified that this permit, and all agency records concerning the operation of these permitted emissions units are subject to public disclosure in accordance with OAC rule 3745-49-03.

**2.** The following insignificant emissions units are located at this facility:

B018; B019; B026; B034; B035; B036; B037; B038; B039; B040; B041; B042; B043; K001; P001; P002; P003; P004; P005; P006; Z011; Z014; Z015; Z016; Z017; Z018; Z019; Z020; Z021; Z022; Z023; Z024; Z025; Z026; Z027; Z028; Z041; Z042; Z043; Z044; Z045; Z046; Z047; Z048; Z049; Z050; Z051; Z052; Z053; Z054; Z055; Z056; Z057; Z058; Z059; Z060; Z061; Z062; Z063; Z064; Z065; Z066; Z067; Z068; Z069; Z070; Z071; Z072; Z073; Z074.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

# Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr) (B031)

**Activity Description:** Used to heat water for use on campus.

## A. State and Federally Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| natural gas/fuel oil-fired boiler, 89.1 million Btu/hr maximum input capacity | OAC rule 3745-17-07 | See A.2.a below. |
| | OAC rule 3745-17-10 | See A.2.b below. |
| | OAC rule 3745-18-06 | See A.2.c below. |
| | 40 CFR 52.1881 | See A.2.d below. |

**2. Additional Terms and Conditions**

**2.a** Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

**2.b** Particulate emissions shall not exceed 0.020 pound per million Btu of actual heat input.

**2.c** Sulfur dioxide emissions shall not exceed 1.6 pounds per million Btu of actual heat input.

**2.d** The emission limitation based upon this rule is less stringent than the limit based upon OAC rule 3745-18-06.

### II. Operational Restrictions

**1.** The permittee shall burn only natural gas and/or #2 fuel oil in this emissions unit.

Note: the permittee states in the application that natural gas is the primary fuel of this emissions unit and no fuel oil has been burned for 3 years.

**2.** The quality of the oil burned in this emissions unit shall meet the following specifications on an as-received basis:

a. a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 pounds of sulfur dioxide per million Btu of actual heat input; and

b. a heat content greater than 135,000 Btu per gallon of oil.

Compliance with the above-mentioned specifications shall be determined by using the weighted, arithmetic average of the analytical results provided by the permittee or oil supplier for all shipments of oil during each calendar month.

## III. Monitoring and/or Record Keeping Requirements

**1.** The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

**2.** For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.

**3.** The permittee shall record on a monthly basis the natural gas and/or fuel oil usage in this emissions unit.

**4.** For each day during which the permittee burns a fuel other than natural gas and/or #2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

## IV. Reporting Requirements

**1.** The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**2.** The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

a. the total quantity of oil received in each shipment (gallons);

b. the weighted* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during each calendar month; and

c. the weighted* average heat content (Btu/gallon) of the oil received during each calendar month.

*In proportion to the quantity of oil received in each shipment during the calendar month.

These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the oil shipments received during the previous calendar quarters.

## V. Testing Requirements

**1.** Compliance with the emission limitations in Section A.2 of these terms and conditions shall be determined in accordance with the following methods:

**1.a** Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

## V. Testing Requirements (continued)

**1.b** Emission Limitation:

0.020 pound of particulate matter per million Btu actual heat input

Applicable Compliance Method:

When using natural gas, compliance shall be demonstrated by multiplying the maximum hourly gas burning capacity of the emissions unit (0.084 million cubic feet per hour) by the particulate matter emission factor for natural gas (6.2 pounds of particulate matter per million cubic feet), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

When using #2 fuel oil, compliance shall be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (120 gal/hr) by the particulate matter emission factor for #2 fuel oil (2.0 pounds of particulate matter per 1000 gal), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

The above emission factors are taken from USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Sections 1.3 (Table 1.3-2) and 1.4 (Table 1.4-1).

Future testing also may be required in accordance with the methods and procedures as specified by 40 CFR Part 60, Appendix A, Method 5.

**1.c** Emission Limitation:

1.6 pounds of sulfur dioxide per million Btu of actual heat input

Applicable Compliance Method:

When burning distillate fuel oil, compliance shall be based upon the volume and analytical results of each shipment of oil, and the use of the equation contained in OAC rule 3745-18-04(F)(2) to calculate the actual sulfur dioxide emission rate for each calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

## VI. Miscellaneous Requirements

**None**

## B. State Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|

**2. Additional Terms and Conditions**

**None**

### II. Operational Restrictions

**None**

### III. Monitoring and/or Record Keeping Requirements

**None**

### IV. Reporting Requirements

**None**

### V. Testing Requirements

**None**

### VI. Miscellaneous Requirements

**None**

# Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr) (B032)

**Activity Description:**

Used to heat water for use on campus.

## A. State and Federally Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| natural gas/fuel oil-fired boiler, 89.1 million Btu/hr maximum input capacity | OAC rule 3745-17-07 | See A.2.a below. |
| | OAC rule 3745-17-10 | See A.2.b below. |
| | OAC rule 3745-18-06 | See A.2.c below. |
| | 40 CFR 52.1881 | See A.2.d below. |

**2. Additional Terms and Conditions**

**2.a** Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

**2.b** Particulate emissions shall not exceed 0.020 pound per million Btu of actual heat input.

**2.c** Sulfur dioxide emissions shall not exceed 1.6 pounds per million Btu of actual heat input.

**2.d** The emission limitation based upon this rule is less stringent than the limit based upon OAC rule 3745-18-06.

### II. Operational Restrictions

**1.** The permittee shall burn only natural gas and/or #2 fuel oil in this emissions unit.

Note: the permittee states in the application that natural gas is the primary fuel of this emissions unit and no fuel oil has been burned for 3 years.

**2.** The quality of the oil burned in this emissions unit shall meet the following specifications on an as-received basis:

a. a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 pounds of sulfur dioxide per million Btu of actual heat input; and

b. a heat content greater than 135,000 Btu per gallon of oil.

Compliance with the above-mentioned specifications shall be determined by using the weighted, arithmetic average of the analytical results provided by the permittee or oil supplier for all shipments of oil during each calendar month.

## III. Monitoring and/or Record Keeping Requirements

**1.** The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

**2.** For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.

**3.** The permittee shall record on a monthly basis the natural gas and/or fuel oil usage in this emissions unit.

**4.** For each day during which the permittee burns a fuel other than natural gas and/or #2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

## IV. Reporting Requirements

**1.** The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**2.** The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

a. the total quantity of oil received in each shipment (gallons);

b. the weighted* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during each calendar month; and

c. the weighted* average heat content (Btu/gallon) of the oil received during each calendar month.

*In proportion to the quantity of oil received in each shipment during the calendar month.

These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the oil shipments received during the previous calendar quarters.

## V. Testing Requirements

**1.** Compliance with the emission limitations in Section A.2 of these terms and conditions shall be determined in accordance with the following methods:

**1.a** Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

## V. Testing Requirements (continued)

**1.b** Emission Limitation:

0.020 pound of particulate matter per million Btu actual heat input

Applicable Compliance Method:

When using natural gas, compliance shall be demonstrated by multiplying the maximum hourly gas burning capacity of the emissions unit (0.084 million cubic feet per hour) by the particulate matter emission factor for natural gas (6.2 pounds of particulate matter per million cubic feet), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

When using #2 fuel oil, compliance shall be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (120 gal/hr) by the particulate matter emission factor for #2 fuel oil (2.0 pounds of particulate matter per 1000 gal), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

The above emission factors are taken from USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Sections 1.3 (Table 1.3-2) and 1.4 (Table 1.4-1).

Future testing also may be required in accordance with the methods and procedures as specified by 40 CFR Part 60, Appendix A, Method 5.

**1.c** Emission Limitation:

1.6 pounds of sulfur dioxide per million Btu of actual heat input

Applicable Compliance Method:

When burning distillate fuel oil, compliance shall be based upon the volume and analytical results of each shipment of oil, and the use of the equation contained in OAC rule 3745-18-04(F)(2) to calculate the actual sulfur dioxide emission rate for each calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

## VI. Miscellaneous Requirements

**None**

## B. State Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|

**2. Additional Terms and Conditions**

**None**

### II. Operational Restrictions

**None**

### III. Monitoring and/or Record Keeping Requirements

**None**

### IV. Reporting Requirements

**None**

### V. Testing Requirements

**None**

### VI. Miscellaneous Requirements

**None**

# Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Nat. Gas Boiler w/#2 Fuel Oil Back-up (89.1 MMBtu/hr) (B033)

**Activity Description:** Used to heat water for use on campus.

## A. State and Federally Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| natural gas/fuel oil-fired boiler, 89.1 million Btu/hr maximum input capacity | OAC rule 3745-17-07 | See A.2.a below. |
| | OAC rule 3745-17-10 | See A.2.b below. |
| | OAC rule 3745-18-06 | See A.2.c below. |
| | 40 CFR 52.1881 | See A.2.d below. |

**2. Additional Terms and Conditions**

**2.a** Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

**2.b** Particulate emissions shall not exceed 0.020 pound per million Btu of actual heat input.

**2.c** Sulfur dioxide emissions shall not exceed 1.6 pounds per million Btu of actual heat input.

**2.d** The emission limitation based upon this rule is less stringent than the limit based upon OAC rule 3745-18-06.

### II. Operational Restrictions

**1.** The permittee shall burn only natural gas and/or #2 fuel oil in this emissions unit.

Note: the permittee states in the application that natural gas is the primary fuel of this emissions unit and no fuel oil has been burned for 3 years.

**2.** The quality of the oil burned in this emissions unit shall meet the following specifications on an as-received basis:

a. a sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 pounds of sulfur dioxide per million Btu of actual heat input; and

b. a heat content greater than 135,000 Btu per gallon of oil.

Compliance with the above-mentioned specifications shall be determined by using the weighted, arithmetic average of the analytical results provided by the permittee or oil supplier for all shipments of oil during each calendar month.

## III. Monitoring and/or Record Keeping Requirements

**1.** The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

**2.** For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.

**3.** The permittee shall record on a monthly basis the natural gas and/or fuel oil usage in this emissions unit.

**4.** For each day during which the permittee burns a fuel other than natural gas and/or #2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

## IV. Reporting Requirements

**1.** The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or #2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**2.** The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

a. the total quantity of oil received in each shipment (gallons);

b. the weighted* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during each calendar month; and

c. the weighted* average heat content (Btu/gallon) of the oil received during each calendar month.

*In proportion to the quantity of oil received in each shipment during the calendar month.

These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the oil shipments received during the previous calendar quarters.

## V. Testing Requirements

**1.** Compliance with the emission limitations in Section A.2 of these terms and conditions shall be determined in accordance with the following methods:

**1.a** Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

## V. Testing Requirements (continued)

**1.b** Emission Limitation:

0.020 pound of particulate matter per million Btu actual heat input

Applicable Compliance Method:

When using natural gas, compliance shall be demonstrated by multiplying the maximum hourly gas burning capacity of the emissions unit (0.084 million cubic feet per hour) by the particulate matter emission factor for natural gas (6.2 pounds of particulate matter per million cubic feet), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

When using #2 fuel oil, compliance shall be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (120 gal/hr) by the particulate matter emission factor for #2 fuel oil (2.0 pounds of particulate matter per 1000 gal), and dividing by the maximum hourly heat input capacity of the emissions unit (89.1 mmBTU/hr).

The above emission factors are taken from USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Sections 1.3 (Table 1.3-2) and 1.4 (Table 1.4-1).

Future testing also may be required in accordance with the methods and procedures as specified by 40 CFR Part 60, Appendix A, Method 5.

**1.c** Emission Limitation:

1.6 pounds of sulfur dioxide per million Btu of actual heat input

Applicable Compliance Method:

When burning distillate fuel oil, compliance shall be based upon the volume and analytical results of each shipment of oil, and the use of the equation contained in OAC rule 3745-18-04(F)(2) to calculate the actual sulfur dioxide emission rate for each calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

## VI. Miscellaneous Requirements

**None**

## B. State Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|

**2. Additional Terms and Conditions**

**None**

### II. Operational Restrictions

**None**

### III. Monitoring and/or Record Keeping Requirements

**None**

### IV. Reporting Requirements

**None**

### V. Testing Requirements

**None**

### VI. Miscellaneous Requirements

**None**

# Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Lincoln Street Dispensing Facility (G001)

**Activity Description:** Both tanks (gasoline and diesel) each have a pump and nozzle for dispensing into University employee vehicles.

## A. State and Federally Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| gasoline storage tank(s): one 10,000-gallon underground storage tank | OAC rule 3745-21-09(R) | Stage I vapor control - 90% control efficiency for volatile organic compounds (VOCs), submerged fill |
| gasoline dispensing operation | OAC rule 3745-21-09(DDD)(4)(a) | Exempt due to monthly gasoline throughput (see A.II.1) |
| diesel storage tank(s): one 6000-gallon underground storage tank | OAC rule 3745-31-05 (PTI 16-1324) | Submerged fill |
| gasoline dispensing facility | OAC rule 3745-31-05 (PTI 16-1324) | 0.4 tpy of organic compounds (OC) |

**2. Additional Terms and Conditions**

**None**

### II. Operational Restrictions

**1.** The gasoline throughput at this facility shall not exceed 10,000 gallons in any calendar month.

## II. Operational Restrictions (continued)

**2.** The permittee shall comply with the following operational restrictions for the Stage I vapor control system:

a. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.

b. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.

c. There shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline.

d. The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

e. All fill caps shall be "in place" and clamped during normal storage conditions.

f. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09 when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

## III. Monitoring and/or Record Keeping Requirements

**1.** The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:

a. the date of inspection;

b. the findings (may indicate no leaks discovered or location, nature, and severity of each leak);

c. the leak determination method;

d. the corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and

e. the inspector's name and signature.

**2.** The permittee shall maintain records of the monthly gasoline throughput for the facility.

**3.** The permittee shall maintain records of the annual diesel throughput for the facility.

## IV. Reporting Requirements

**1.** Any leak from the vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.

**2.** The permittee shall notify the appropriate Ohio EPA District Office or local air agency if in any given month this facility's throughput exceeds the non-Independent Small Business Marketer (non-ISBM) exemption limit of 10,000 gallons of gasoline. This notification shall be made within 30 days after the exceedance occurs. With this notification, the permittee shall provide an expeditious schedule of compliance regarding the installation of Stage II vapor control equipment.

## V. Testing Requirements

**1.** Compliance with the annual OC emission limit in Section A.1. of these terms and conditions shall be calculated as the sum of the OC emissions from all gasoline storage tank filling and dispensing operations and, if applicable, diesel, kerosene, and used oil tank filling operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the annual gasoline, diesel, kerosene, and used oil throughputs for the facility using the calculation and emission factors below.

## V. Testing Requirements (continued)

**1.a** Emission Limitation:

0.4 tpy of OC

Applicable Compliance Method:

Multiply the appropriate emission factor below by the gallons of gasoline, diesel, kerosene, or used oil dispensed per year and divide by 2000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the total annual OC emission rate.

The emission factors are expressed in pounds (lbs) of organic compounds per 1000 gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions, because the methane and ethane content of gasoline is negligible.)

i. Emission factors for gasoline storage tank filling and dispensing operations:

(a) gasoline dispensing facility has submerged tank filling for gasoline storage tanks: OC emission factor = 20.0 lbs of OC/1000 gallons;

(b) gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks: OC emission factor = 13.0 lbs of OC/1000 gallons; and

(c) gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks and Stage II vapor control for vehicle refueling: OC emission factor = 3.1 lbs of OC/1000 gallons.

The gasoline emission factors were obtained from USEPA publication AP-42, Fifth Edition, Table 5.2-7.

ii. Emission factors for diesel, kerosene, and used oil tank filling operations:

(a) gasoline dispensing facility has submerged tank filling for diesel, kerosene, and used oil tank filling operations: OC emission factor = 0.027 lb of OC/1000 gallons.

This emission factor is the SCC emission factor for transfer operations from diesel storage tanks. It is assumed that the same emission factor applies to kerosene and used oil transfer operations.

## VI. Miscellaneous Requirements

**None**

## B. State Enforceable Section

### I. Applicable Emissions Limitations and/or Control Requirements

**1.** The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/ Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|

**2. Additional Terms and Conditions**

**None**

### II. Operational Restrictions

**None**

### III. Monitoring and/or Record Keeping Requirements

**None**

### IV. Reporting Requirements

**None**

### V. Testing Requirements

**None**

### VI. Miscellaneous Requirements

**None**

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