



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.  
Columbus, Ohio 43266-0149



Re: Permit to Install  
GREENE County  
Application No. 08-1676 ✓

CERTIFIED MAIL

Richard F. Celeste  
Governor

JANUARY 19, 1989

RECEIVED

JAN 20 1989

WRIGHT STATE UNIVERSITY  
BILL A. BATTELLE  
3640 COLONEL GLENN HWY  
FAIRBORN, OHIO 45435

REGIONAL AIR  
POLLUTION  
CONTROL AGENCY

Dear Sir:

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

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

TGR/gs

cc: US EPA  
REGIONAL AIR POLLUTION CONTROL AGENCY



## Permit to Install Terms and Conditions

Application No. 08-1676  
APS Premise No. 0829060002  
Permit Fee: \$600.

Name of Facility: WRIGHT STATE UNIVERSITY

Person to Contact: BILL A. BATTELLE

Address: 3640 COLONEL GLENN HWY  
FAIRBORN, OHIO 45435

Location of proposed source(s): 3640 COLONEL GLENN HWY  
FAIRBORN, OHIO

Description of proposed source(s): SIX GAS/OIL-FIRED BOILERS (2 4.0  
MMBTU/HR, 2 2.1 MMBTU/HR & 2 1.5  
MMBTU/HR).

Date of Issuance: JANUARY 19, 1989

Effective Date: JANUARY 19, 1989

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months, if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

If the construction of the proposed source has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

#### EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Wright State University located in Greene County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
B023	Allyn Hall gas/oil fired boiler #1	*	3745-31-05 3745-17-10 (B)(1)	0.02 lb part/MMBTU 0.28 TPY SO <sub>2</sub> 1.66 TPY NO <sub>x</sub>
B024	Allyn Hall gas/oil fired boiler #2	*	Same as above	Same as above
B025	University Center gas/oil fired boiler #4	*	Same as above	0.02 lb part/MMBTU 0.26 TPY SO <sub>2</sub> 1.6 TPY NO <sub>x</sub>
B026	University Center gas/oil fired boiler #5	*	Same as above	Same as above
B027	Transportation building gas/oil fired boiler #1	*	Same as above	0.02 lb part/MMBTU 0.09 TPY SO <sub>2</sub> 0.62 TPY NO <sub>x</sub>
B028	Transportation building gas/oil fired boiler #2	*	Same as above	0.02 lb part/MMBTU 0.09 TPY SO <sub>2</sub> 0.62 TPY NO <sub>x</sub>

\*BAT for these boilers is represented by primary usage of natural gas as a fuel with no. 2 fuel oil standby, in addition to adherence to the special terms and conditions included in this permit. In addition, with the installation of boilers in this permit, the following sources will be removed from service: OEPA source nos. 0829060002 B005, B006, B009, & B018.

SUMMARY  
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate	0.76
SO <sub>2</sub>	1.0
VOC	0.126
NO <sub>x</sub>	6.16
CO <sub>x</sub>	0.76

This condition in no way limits the applicability of any other state or federal regulation.

APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the sources.

REPORTING

Any reports required by the Permit to Install shall be submitted to Regional Air Pollution Control Agency, 451 W. Third St., Dayton, Ohio 45422.

PERMIT TO OPERATE APPLICATION

A Permit to Operate Application and a \$15 application fee must be submitted to the appropriate field office for each source in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source are subject to public disclosure in accordance with OAC Rule 3745-49-03.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Usage of No. 2 fuel oil in each of the boilers identified in this permit shall not exceed the following:

Allyn Hall Boilers: B023 7,220 gallons per year  
B024 7,220 gallons per year

University Center Boilers: B025 3,790 gallons per year  
B026 3,790 gallons per year

Transportation Bldg. Boilers: B027 2,707 gallons per year  
B028 2,707 gallons per year

2. Pertaining to all six new boilers:
  - a) Wright State University shall maintain monthly records which list both the quantity of natural gas fired in each boiler and the number of gallons of No. 2 fuel oil fired in each boiler. These records shall be retained in the facility's files for a period of not less than two years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

- b) This facility shall submit semi-annual reports to RAPCA which summarize the information required in the above paragraph. The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July through December and January through June, respectively).