

Permit No. PO-B-1501  
County Grafton  
Permit Fee N/A



STATE OF NEW HAMPSHIRE  
Air Resources Agency

AMENDED

# Permit to Operate

This Certifies that Dartmouth College Heating Plant

has been granted a Permit to Operate for  
#2 Babcock & Wilcox Boiler (Installed in 1958)

~~device which emits air pollutants into the ambient air as set forth in~~  
equipment registration forms (APCA 1-6), filed with this Agency under  
date of August 3, 19 81  
in accordance with RSA 125-C of the New Hampshire laws of 1979. (amended 1981)  
This permit is valid until August 31, 19 86

Request for permit renewal is subject to Agency requirements and must  
be accompanied by the appropriate equipment registration forms.

This permit is valid provided the device is operated in accordance with all the  
legally enforceable conditions specified in Items 1 through 6 below:

1. The emission of air pollutants are limited by NH Air Resources Commis-  
sion Regulation(s) (see below) and/or as stipulated as follows:  
CHAPTERS Air 400 and 1200; PART Air 1202

2. The maximum operating rate is limited to:  
60 lb/hr, gal/hr, tons/hr, million BTU/hr gross input  
of #6 oil at 2.0% sulfur, maximum of solids

3. The operating hours of the device are limited to:  
--- hrs/day --- days/yr

4. The opacity of emissions may not exceed 40 %.

5. Other conditions  
#2 boiler is used for standby and peaking service at various times  
throughout the year. Maximum hourly production is 49,500 pounds  
of saturated steam at 160 PSIG contributing to a maximum allowable  
total plant production of 180,000 lbs steam/hr (maximum 1-hr average)  
and 143,000 lbs steam/hr (maximum 6-hr running average) based on  
feed water temperature of 258°F.

SEE ATTACHED SHEET FOR ADDITIONAL CONDITIONS.

~~The owner or operator of the device covered by this permit must notify the Agency within 15 calendar days of any change in the~~  
~~proposed operation of the device covered by this permit which represents a significant deviation from the above permit conditions.~~

~~Any unavoidable malfunction, breakdown, or upset of the device, which results in emissions greater than those stipulated in this~~  
~~permit, must be reported to the Agency within 8 working hours of the occurrence.~~

~~This permit (or a copy) should be appropriately displayed near the device for which it is issued.~~

Concord, NH January 6, 1986

*Dennis R. Turbeville*

Director, Air Resources Agency

2/4/86

Dartmouth College Heating Plant  
Permit to Operate (Amended)

ATTACHMENT

PO-B-1501  
#2 Babcock & Wilcox Boiler (Installed in 1958)

Steam production logs shall be retained for two years and shall be available at the facility for Agency inspection. Reports shall be made to the Agency on a quarterly basis which at a minimum shall include the maximum 1-hr and 6-hr plant steam production occurring during the reporting period.

~~Estimated annual fuel usage is 435,000 gallons.~~

State of New Hampshire Air Resources Agency  
Dated: January 6, 1986