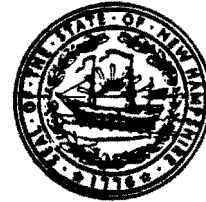


Permit No. PO-B-1550
County Coos
Permit Fee \$600.00

AMENDED FOR
S02 SIP REVISION



STATE OF NEW HAMPSHIRE
Air Resources Agency

Permit to Operate

This Certifies that
James River Corporation - Groveton Group

has been granted a Permit to Operate for
Wood/Oil Boiler #1

~~device which emits air pollutants into the ambient air as set forth in equipment registration forms (APCA 16) filed with this Agency under date of July 18, 1985 in accordance with RSA 125-C of the New Hampshire laws of 1975 (amended 1981). This permit is valid until July 31, 1986. 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 Commission 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: 200,000 lb/hr, gal/hr, tons/hr, million BTU/hr gross input of steam at 175 psig 0 solids~~

~~3. The operating hours of the device are limited to: 24 hrs/day 360 days/yr~~

~~4. The opacity of emissions may not exceed 20 %.~~

~~5. Other conditions~~

~~A. typical wood supply shall be 50% moisture, 0.5 x 10⁶ BTU/ton as delivered.~~

~~B. #6 fuel oil at 2.2% sulfur, maximum, will be used as an alternate fuel.~~

~~C. Monitored scrubber pH and scrubber pressure drop setting shall be maintained at no less than 5.5 and 0.5" H₂O respectively, at full load. The SO₂ removal efficiency of the scrubber shall be no~~

~~SEE ATTACHED SHEET FOR ADDITIONAL PERMIT CONDITIONS.~~

~~The owner/operator of the device covered by this permit must notify the Agency within 10 days of any change in the proposed operation of the device covered by this permit which appears to constitute a violation of any of the permit conditions.~~

~~Applicable malfunction breakdowns occur with the device which result in emissions greater than those stipulated in this permit must be reported to the Agency within 10 days of the occurrence.~~

~~This permit (or copy) should be appropriately displayed on the device at all times.~~

Concord, NH September 6, 1985

Dennis R. Lundeville
Director, Air Resources Agency

PO-B-1550
Wood/Oil Boiler #1

Condition C continued

less than 75% at full load. ~~A daily log of scrubber pH and pressure drop setting shall be maintained and available at the Groveton facility for inspection by NHARA.~~

D. The Boiler Plant (Boilers #1, #2, #4, and #5) and the Recovery System Kiln are limited to emissions equivalent to those from burning 25,000 total gallons per day of fuel oil with 2.2% sulfur content. A daily log of total equivalent oil usage shall be maintained and available at the Groveton facility for inspection by the NHARA. Oil usage for Boiler #1 is to be calculated as follows:

$$\begin{aligned} \text{Oil usage} &= (\text{Actual Gallons Burned}) \times \\ &\quad (\text{Ratio of Actual Sulfur Content of Fuel Burned} \\ &\quad \text{to 2.2}) \times \\ &\quad (1 - \text{CE}) \end{aligned}$$

Where: Actual Gallons Burned are derived from steam production data, Actual Sulfur Content is derived from the maximum sulfur content of the three most recent fuel supplier certificates, and CE is the daily average control efficiency of the scrubber expressed as a decimal (75% = 0.75).

~~F. An emission test, observed by NHARA, to determine the SO₂ removal efficiency of the scrubber during the burning of oil only shall be performed no later than October 31, 1985 with the results to be reported no later than December 31, 1985. The test shall be performed using EPA Method 6 and a pre test meeting is required. The results of this test may necessitate the modification of Condition 5(c).~~

Dated: September 6, 1985