

COMMONWEALTH OF PENNSYLVANIA COUNTY: _____
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

QUALITY

Page 1 Of 4

JUN 12 1996

OPERATING PERMIT

FACILITY: _____

PERMIT: _____

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P. L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.	<u>40-0010</u>	Source &	<u>(Condition 3)</u>
Owner	<u>CertainTeed Corporation</u>	Air	_____
Address	<u>P. O. Box 128</u>	Cleaning	_____
	<u>Crestwood Industrial Park</u>	Device	<u>Source Specific</u>
	<u>Mountaintop, PA 18707</u>	Location	<u>Crestwood Industrial Park</u>
Attention:	<u>Ralph N. Caropreso</u>		<u>Wright Township</u>
	<u>Manager</u>		<u>Luzerne County</u>
	<u>Environmental and Safety</u>		

permit is subject to the following conditions:

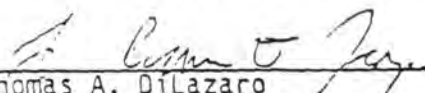
- (1) That the source and any associated air cleaning devices are to be:
 - (a) operated in such a manner as not to cause air pollution;
 - (b) in compliance with the specifications and conditions of the plan approval issued under the same number;
 - (c) operated and maintained in a manner consistent with good operating and maintenance practices.
- (2) This permit is valid only for the specific equipment, location and owner named above. This permit supersedes the previous RACT Permit issued on May 31, 1995.

SEE ATTACHED.

Failure to comply with the conditions placed on this permit is in violation of Section 127.444. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued MAY 31 1996

~~Expires May 31, 2001~~


Thomas A. DiLazaro
Program Manager
Air Quality Program

- (3) This Operating Permit includes Reasonable Available Control Technology (RACT) determinations for Nitrogen Oxide (NO_x) and Volatile Organic compounds (VOC's) as required by Title I of the CAAA, and 25 PA Code Section 129.91 through 129.95 for the following sources:

- (a) M1 and M2 Furnaces (40-309-011)
- (b) M1 and M2 Forming, Curing and Cooling (40-309-013)
- (c) M1 and M2 Combustion Air Generators
- (d) Generator for Combustion Air Motor
- (e) Back-up Generators
- (f) Marking inks

This Operating Permit supersedes Operating Permit No. 40-309-011 and 40-309-013.

- (4) The NO_x RACT for the M1 and M2 Furnaces and Curing Ovens shall never exceed the following emission limit or production rate:

M1 Line - 3.05 lb of NO_x per ton of product with a maximum production rate of 80 MTPD.

M2 Line - 3.05 lb of NO_x per ton of product with a maximum production rate of 125 MTPD.

M1 and M2 Curing Ovens - limited to the potential emission of 11.0 tons per year.

- (5) The VOC RACT for the M1 and M2 Forming, Curing, Cooling and Inks Marking shall never exceed the following emission limit:

M1 Forming, Curing and Cooling - 1.84 lb of VOC per ton of product with a maximum production rate of 80 MTPD.

M2 Forming, Curing and Cooling - 1.84 lb of VOC per ton of product with a maximum production rate of 125 MTPD.

Marking Inks - limited to the potential emission of 4.2 tons per year.

- ~~(6) NO_x RACT for the additional sources will be regulated under Presumptive RACT emission limitations listed below.~~

- ~~(a) Fire pump engine: This equipment shall operate as an emergency standby engine at less than 500 hours per year. The source shall be operated and maintained in accordance with good air pollution control practices.~~

- ~~(b) Rack up deck air compressor: This equipment shall operate as an emergency standby engine at less than 500 hours per year. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(c) Office lighting generator: This equipment shall operate as an emergency standby engine at less than 500 hours. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(d) M 2 furnace combustion air: This unit shall be limited to an individual rated gross heat input of less than 20 MMbtu per hour. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(e) M 1 furnace combustion air: This unit shall be limited to an individual rated gross heat input of less than 20 MMbtu per hour. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(f) M 1 and M 2 combustion air motor: This unit shall be limited to an individual rated gross heat input of less than 20 MMbtu per hour. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(g) Plant lighting generator: This equipment shall operate as an emergency standby engine at less than 500 hours per year. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(h) Caterpillar generator: This equipment shall operate as an emergency standby engine at less than 500 hours per year. The source shall be operated and maintained in accordance with good air pollution control practices.~~
- ~~(i) Asphalt tank hot oil heater: This unit shall be limited to an individual rated gross heat input of less than 20 MMbtu per hour. The source shall be operated and maintained in accordance with good air pollution control practices.~~

~~(7) Record keeping and reporting requirements are as follows:~~

~~(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit, 25 PA Code Section 120.05, such that records provide sufficient data and calculations to clearly demonstrate that the requirements of 25 PA Code Sections 120.01.4 are met. The file shall include, but not be limited to, daily fuel usage of the furnaces, daily production rate, quantity of binder used in the production process, NO_x and VOC emissions from the M1 and M2 production lines calculated on a twelve (12) month rolling sum, all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this Operating Permit. All measurements, records and other data required to be maintained by the company shall be retained for at least two years following the date on which such measurements, records or data are recorded.~~

~~(8) If requested by the Department, the company shall perform a stack test in accordance with the provisions of Chapter 129 of the rules and Regulations of the Department of Environmental Resources within the time specified by the Department.~~

~~(9) The expiration date shown on the Operating Permit is for State purposes. For Federal Enforcement purposes, the RACT portion of this Operating Permit shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51.4 and approved by the US Environmental Protection Agency (EPA). The Operating Permit shall become enforceable by the US EPA upon its approval of the above as a revision to the SIP.~~

~~(10) This Operating Permit is valid for a limited period of time. The Operating Permit Renewal must be in writing and must be accompanied by a permit fee in the amount of (five hundred dollars) \$500.00 (\$250.00 application processing fee and \$250.00 annual administration fee). The request should be made on an Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form. An annual Operating Permit administration fee of two hundred and fifty dollars (\$250.00) is also due no later than the anniversary date of this Operating Permit. The administration fee is to be submitted with one of the transmittal forms (attached).~~

~~(11) Any notification required as a result of any condition herein should be directed to:~~

~~Thomas A. Dillman
Program Manager
Department of Environmental Resources
Air Quality Program
2 Public Square
Wilkes Barre, PA 18711-0700~~