

217/ 782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Hunter Panels, LLC
Attn: Michael Amason
15 Franklin Street
Portland, Maine 04101

Application No.: 99070002 I.D. No.: 031096ANG
Applicant's Designation: HUNTERPNLS Date Received: May 17, 2001
Subject: Insulated Foam Panels Manufacturing Plant
Date Issued: Expiration Date:
Location: 9201 Belmont Avenue, Franklin Park

This Permit is hereby granted to the above-designated Permittee to OPERATE emission units(s) and/or air pollution control equipment consisting of two foam blending tanks, one foam expansion line, one HCFC-141b pressure storage tank, two polyol and two MDI storage tanks pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year of HCFC-141b, Class II substance regulated under Clean Air Act). As a result the source is excluded from requirement to obtain a Clean Air Act Permit Program Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. HCFC-141b emission shall not exceed 5 tons/week and 95 tons/year. Emission should be calculated using the following equation:

$$E = U - \sum P_i \times C_i, \text{ where}$$

E - HCFC-141b emission (tons);
U - amount of HCFC used (tons);
P_i - foam board i-type production (tons);
C_i - HCFC-141b content in the i-type final product (fraction).

The following C_i were derived from the testing performed by the company and should be used in emission calculations:

<u>Board thickness</u>	<u>HCFC-141b content (fraction)</u>
1-, 2-inch	0.104

3-inch	0.102
4-inch	0.088

These limits are based on the maximum board production rate of 15,000 tons/year and HCFC-141b usage of 1,650 tons/year. Compliance with annual limits shall be determined from a running total of 52 weeks of data.

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3. This permit is issued based on negligible emissions of volatile organic materials from all panel manufacturing operations. For this purpose emissions shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
4. The Permittee shall maintain weekly records of the following items:
 - a. Panels production rate of each type (tons/wk, tons/yr);
 - b. HCFC-141b usage (tons/wk, tons/yr);
 - c. HCFC-141b emission calculations (tons/wk, tons/yr).
5. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Illinois EPA
Division of Air Pollution Control
Compliance and Enforcement Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Illinois EPA
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

8. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
 - a. Panels production rate of each type (tons/yr);
 - c. HCFC-141b usage (tons/yr).

It should be noted that the heaters and dryer, cold degreaser and board trimming operations are exempt from state permit requirements pursuant to 35 Ill. Adm. Code 201.146(d), (v) and (aa), respectively.

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If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:VJB

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance and Enforcement Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission from the Insulated Foam Panels Manufacturing Plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from the plant. The resulting maximum emissions are well below the levels, e.g., 100 tons/year of HCFC-141b, at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that material is handled, and control measures are more effective than required in this permit.

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VJB: