



MSPS

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
SOUTHCENTRAL REGION  
AIR QUALITY CONTROL PROGRAM

PLAN APPROVAL

Application No.	<u>06-315-001</u>	Source(s)	<u>Expanded Polystyrene</u>
Owner	<u>W. R. Grace Company Formpac Division</u>	Air	<u>Foam Plant</u>
Address	<u>P.O. Box 295</u>	Cleaning	<u>Vapor Balance</u>
	<u>Reading, PA 19603</u>	Device	<u></u>
Attention:	<u>Mr. Thomas A. Hessen</u>	Location	<u>Reading Plant</u>
	<u>Technical Director</u>		<u>Muhlenberg Township</u>
			<u>Berks County</u>

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department on JUN 04 1992 approved plans for the construction of and installation of air cleaning devices on the above indicated air contamination source(s).

This PLAN APPROVAL expires October 31, 1994.

The plan approved is subject to the following conditions:

- (1) The source and air cleaning devices are to be constructed and installed in accordance with the plans submitted with the application (as approved herein).

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Notify the person noted below when the installation is completed so that the source(s) can be inspected for issuance of an OPERATING PERMIT.

NOTE:

Roger A. Fitterling  
Bureau of Air Quality Control  
625 Cherry Street  
Reading, PA 19602  
(215) 378-4175

LEIF ERICSON  
Program Manager

cc: A &   
Southcentral Regional Office  
Lancaster District Office  
Reading District Office

Plan Approval Conditions  
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W. R. Grace Company  
Formpac Division

Conditions (continued):

- (2) This Plan Approval is issued for the construction of two (2) pentane underground storage tanks and associated rail car unloading system. These sources are to be controlled by a vapor balance system.
- (3) This Plan Approval is issued for the construction of an expandable polystyrene foam extruder (#6).
- (4) The total volatile organic compound emissions from the #6 expandable polystyrene foam extruder shall not exceed 5 #/hr, 110 #/day and 13 tons/yr.
- (5) The total volatile organic compound emissions from the two (2) underground storage tanks and associated rail car unloading operation shall not exceed 3.5 #/hr, 85 #/day and 0.13 Tons/yr.
- (6) The company shall maintain records of the following:
  - (a) Total pentane stored in the storage tanks (annual throughput).
  - (b) Total pentane used in extruder No. 6.
  - (c) Total amount of expandable foam produced by extruder No. 6.
  - (d) Total carbon dioxide (CO<sub>2</sub>) used in extruder No. 6.All quantities shall be measured in pounds.
- (7) Records required under this Plan Approval shall be kept for a period of two (2) years and shall be made available to the Department upon its request.
- (8) This approval authorizes construction and installation only, it is not an operating permit. Prior to start-up of the facility, a temporary operating permit must be obtained pursuant to 25 PA Code §127.23. The request must be in writing and should use the attached form. The request must be received at least two (2) weeks prior to initial operation.

The source may not be operated without a valid operating permit. Operation without appropriate permit from the Department may be subject to enforcement action.

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Conditions (continued):

- (9) If construction and installation has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction may commence.

If construction and installation has commenced but cannot be completed before the expiration of this plan approval, an extension of the expiration date must be obtained to continue construction and installation. A request for an extension must be postmarked at least thirty (30) days prior to the expiration date. The Department cannot issue an extension after the expiration date. The request shall include (1) a justification for the extension; (2) a schedule for completion of construction and installation; and, (3) when required by the Department, a reanalysis of best available technology as required by 25 Pa. Code §127.12(a)(5).

- (10) This source is subject to Subpart Kb of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR §60.4 requires submission of copies of all requests, reports, application, submittals, and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director  
Air, Toxics and Radiation Division  
US EPA, Region III  
841 Chestnut Building  
Philadelphia, PA 19107

