

ER-AQ-28
Rev: 6/79

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
AIR QUALITY PROGRAM

OPERATING 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 Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.	39-0012	Source &	Expanded Polystyrene
Owner	Insulation Corporation of America	Air	Manufacturing Plant
Address	2571 Mitchell Avenue	Cleaning	Direct Combustion
	Allentown, PA. 18103	Device	into Boiler
Attention:	Mr. William Dean	Location	City of Allentown
	President		Lehigh County

This permit is subject to the following conditions:

- (1) That the source and any associated air cleaning devices are to be: MAY 15 1996
(a) operated in such a manner as not to cause air pollution;
(b) operated and maintained in a manner consistent with good operating practices.
- (2) This permit is valid only for the specific equipment, location and owner named above.

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 Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued OCT 17 1995

Thomas A. DiLazaro
Program Manager
Air Quality Program

- (2) This Operating Permit includes Reasonable Available Control Technology (RACT) determinations for VOC as required by Title I of the CAA, and 25 PA Code Section 129.91 through 129.95 for the Expanded Polystyrene Manufacturing facility.

- (4) The company shall ensure that the control device shall be equipped with the applicable monitoring equipment and the monitoring equipment shall be installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

- (5) The company shall achieve the following capture efficiency for VOC's from the areas as listed in the table.

<u>SOURCE/AREA</u>	<u>CAPTURE EFFICIENCY</u>
Pre-expansion	90%
Block molding	90%

- (6) The company shall achieve at least 95% destruction efficiency for the VOC emission in the control device.
- (7) Within 180 days of the issue date of this Operating Permit, a stack test shall be performed in accordance with the provision of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection to demonstrate the compliance with Condition Nos. 5 and 6. The stack test shall be performed while the aforementioned source is operating at the maximum rated capacity as stated on the application.
- (8) At least two weeks prior to the test, the Regional Air Quality Program Manager shall be informed of the date and time of the test.
- (9) At least sixty (60) days prior to the test required by Condition No. 7, pre-test protocol shall be submitted to the Department for review.
- (10) Within sixty (60) days of the completion of the test required by Condition No. 7, two copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Program Manager.
- (11) The company shall ensure that the capture system and control device are operated at all times the unit is in operation.

(12) 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 129.95, such that records provide sufficient data and calculations to clearly demonstrate that the requirements of 25 PA Code, Chapter 129, §129.91-94 are met. The file shall include, but not be limited to: 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.

