

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF AIR QUALITY CONTROL

OPERATING PERMIT RENEWAL

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and Section 127.24 of Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department hereby reissues this permit for the operation of the air contamination source(s) described below:

|            |   |           |                                 |
|------------|---|-----------|---------------------------------|
| Permit No. | <u>39-313-014</u>                                 | Source(s) | <u>Formaldehyde Plant and</u>   |
| Owner      | <u>International Minerals &amp; Chemicals Air</u> |           | <u>Auxiliary Sources</u>        |
| Address    | <u>P.O. Box TP</u>                                | Cleaning  | <u>.</u>                        |
|            | <u>Allentown, PA 18105</u>                        | Device    | <u>.</u>                        |
| Attention: | <u>Mr. James McLaughlin</u>                       | Location  | <u>Seiple Plant</u>             |
|            | <u>Plant Manager</u>                              |           | <u>South Whitehall Township</u> |
|            |   |           | <u>Lehigh County</u>            |

This permit is subject to the following conditions:

- (1) That the source(s) 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.

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. 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 DEC 10 1988

Expires 06/30/91

N. Rao Kona  
N. RAO KONA  
Regional Air Pollution Control Engineer

cc: Central Office  
Norristown Regional Office -  
Bethlehem District Office

WA-Region 1 - smc

Operating Permit Renewal Conditions  
Permit No. 39-313-014  
International Minerals & Chemicals

Conditions (continued):

- (3) This permit covers the following sources:
  - a. Formaldehyde Plant
  - b. 150,000 gallon Formaldehyde storage tank
  - c. Formaldehyde tank truck loading station
  - d. Two (2) Formaldehyde railcar loading stations
  - e. Two (2) 20,000 gallon capacity methanol storage tanks
  - f. 50,000 gallon capacity methanol storage tank
  - g. 175,000 gallon capacity methanol storage tank
  - h. Methanol tank truck unloading station
- (4) This permit covers the following air cleaning devices:
  - a. Englehard PAS-5.8 Catalytic Incinerator
  - b. AMETEK Venturi Scrubber
  - c. Various formaldehyde vapor return lines
  - d. Methanol vapor balance system
- (5) The catalytic incinerator shall maintain a minimum exit temperature gas stream temperature of 900°F. Temperature indicators and recorders shall be maintained to continuously show and record the temperature of the gas stream prior to and after the incinerator. These records shall be maintained for two (2) years.
- (6) The expiration date shown on this operating permit renewal is for state purposes. For Federal enforcement purposes this operating permit renewal shall remain in effect as a part of the State Implementation Plan until repealed pursuant to 40 CFR 51.4 and approved by the U.S. Environmental Protection Agency.
- (7) This permit supersedes permit No. 39-313-014 which was issued on January 14, 1986.

AQPC



## 8. Special

- (2) Temperature indicators shall be installed to show gas stream temperature prior to and after passage through the catalytic incinerator. Temperature controller shall be installed to insure a minimum exit gas stream temperature of 900° F. at a retention time of 0.3 second at that temperature shall be attained.