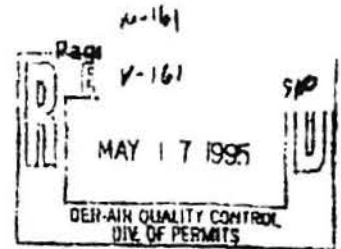


ER-AQ-28
Rev: 5/79

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
AIR QUALITY PROGRAM

(RACT)
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.	<u>13-0001</u>	Source &	<u>Waelz Kilns 2, 3 & 5</u>
Owner	<u>Horsehead Resource Development Company, Inc.</u>	Air	<u>Calcine Kilns 1 & 6</u>
Address	<u>4th Street & Franklin Avenue</u>	Cleaning	<u>Boilers #67 & #68</u>
	<u>Palmerton, PA 18071</u>	Device	<u>Fugitive Baghouses #1 & #2</u>
Attention:	<u>Mr. George T. Mahler</u>	Location	<u>Delaware Avenue</u>
	<u>Vice-President - Engineering</u>		<u>Palmerton Borough</u>
			<u>Carbon County</u>

This permit is subject to the following conditions:

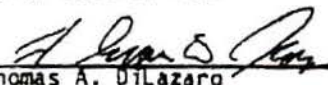
- (1) That the source and any associated air cleaning devices are to be:
 - (a) operated in such a manner as not to cause air pollution;
 - (b) operated and maintained in a manner consistent with good operating and maintenance practices.
- (2) This permit is valid only for the specific equipment, location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

SEE ATTACHED.

Failure to comply with the conditions placed on this permit is in 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

MAY 16 1995


Thomas A. Dilazaro
Program Manager
Air Quality Program

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MAY 17 1995

EPA REGION III

- (5) This Operating Permit will cover the operation of the minor sources referenced on Page One (1), listed as follows:

<u>Source</u>	<u>NOX Rate</u>	<u>VOC Rate</u>
Boiler #66 (15MMBTU/Hr.)	2.1 #/Hr.	Negligible
Boiler #67 (20MMBTU/Hr.)	2.8 #/Hr.	Negligible
Fugitive Baghouse #1	0.4 #/Hr.	0.3 #/Hr.
Fugitive Baghouse #2	0.3 #/Hr.	0.2 #/Hr.

- (6) On or before July 31, 1995, a test procedure and a sketch with dimensions indicating the location of sampling ports and other data for one (1) of the Waelz Kilns and one (1) of the Calcine Kilns listed in Condition #10 of this RACT Operating Permit, to ensure the collection of representative samples, shall be submitted to the Regional Air Quality Program Manager.
- (7) On or before October 31, 1995, stack tests shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Resources to show compliance with Nitrous Oxide emission rates and Volatile Organic emission rates listed in the company's RACT proposal, and listed in Condition #10 of this RACT Operating Permit. The stack tests shall be performed while the Department designated Kilns are operating at the maximum rated capacity as stated in the RACT application. The Waelz and Calcine Kilns that will be tested as a requirement of this operating permit, will be selected by the Department, and must not exceed the limits specified in Condition #10 of this RACT Operating Permit.
- (8) At least two weeks prior to the tests, the Regional Air Quality Program Manager shall be informed of the date and time of the tests.
- (9) On or before December 31, 1995, two (2) copies of the complete stack test reports, including all operating conditions, shall be submitted to the Regional Air Quality Program Manager.
- (10) The Nitrous Oxide and Volatile Organic Compound emission rates for each of the Kilns is listed as follows:

<u>Source</u>	<u>NOX Limit</u>	<u>VOC Limit</u>
Kiln #1	3.0 #/Hr.	0.2 #/Hr.
Kiln #2	9.9 #/Hr.	19.3 #/Hr.
Kiln #3	8.8 #/Hr.	14.2 #/Hr.
Kiln #4	12.3 #/Hr.	15.2 #/Hr.
Kiln #5	5.3 #/Hr.	0.3 #/Hr.

- (11) The Nitrous Oxide and Volatile Organic Compound emission rates for each of the four (4) sources listed in Condition (5) of this Operating Permit, is dependent upon the equipment being operated and maintained according to the manufacturer's specifications for its equipment. The company is therefore required by this RACT Operating Permit, to meet presumptive RACT as specified in Chapter 129.93(c)(1) of the Rules and Regulations of the Department of Environmental Resources by operating and maintaining all of the sources listed in Condition Number (5) according to each of the manufacturer's specifications.