



State of Ohio Environmental Protection Agency

Coshocton STAINLESS
0616010039
P029

STREET ADDRESS:

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Columbus, OH 43215-1099

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P.O. Box 1049
Columbus, OH 43216-1049

October 15, 1998

CERTIFIED MAIL

Re: Modification to Permit to Install No. 06-5366
Coshocton County

Armco Inc - Coshocton Operations
17400 State Route 16
Coshocton, OH 43812

Attention: Melvin Hazzard

Enclosed please find a modification to the Ohio EPA Permit to Install referenced above which will modify the terms and conditions.

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

Enclosure

cc: US EPA
SOUTHEAST DISTRICT OFFICE, DAPC
Susan Ashbrook, Attorney General Office
Gary Cox, Attorney General Office
Alan Lapp, Ohio EPA, Legal



Permit to Install Terms and Conditions

Issuance Date: October 15, 1998
Effective Date: October 15, 1998

OHIO ENVIRONMENTAL PROTECTION AGENCY

MODIFICATION TO PERMIT TO INSTALL

Name of Applicant: Armco Inc - Coshocton Operations
Address: 17400 State Route 16
City: Coshocton, OH
Telephone Number: (740)829-4279

The Ohio EPA has received a request for a modification for the Ohio EPA Permit to Install referenced above.

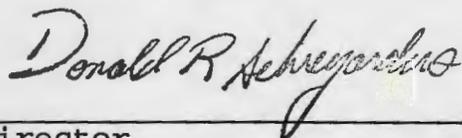
The Permit to Install issued to Armco Inc - Coshocton Operations, Permit to Install 06-5366 is modified in the following manner:

Terms and Conditions on pages 4, 6 and 7 and the Permit Page of Permit to Install issued on March 25, 1998.

The reason for the modification is: to modify emission unit title on the permit page, change operational restrictions A2 to "greater than 120 gal/min", and remove portion of compliance method D.1.a. of Page 7 of PTI No. 06-5366, issued March 25, 1998.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

Ohio Environmental Protection Agency



Director



Permit to Install Terms and Conditions

Application No. 06-5366
APS Premise No. 0616010039
Permit Fee: \$1600.00

Name of Facility: ARMCO INC - COSHOCTON OPERATIONS

Person to Contact: MELVIN HAZZARD

Address: 17400 STATE ROUTE 16
COSHOCTON, OH 43812

Location of proposed source(s): 17400 STATE ROUTE 16
COSHOCTON, OHIO

Description of proposed source(s):
MOLTEN SALT SPRAY RINSE TANK WITH SCRUBBER.

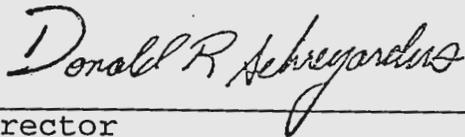
Date of Issuance: March 25, 1998

Effective Date: March 25, 1998

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Director

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for ARMCO INC - COSHOCTON OPERATIONS located in Coshocton County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P029	Molten salt spray rinse tank	Compliance with the specified allowable emission limitations and specified OAC rules through the use of a scrubber; recordkeeping and reporting requirements	3745-31-05 3745-17-07 (A) (1) (b) 3745-17-11	3.0 pounds PM/hour 13.14 TPY PM Visible particulate emissions from any stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average at any time. BAT determination more stringent

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	13.14

CONSTRUCTION STATUS

The OEPA Southeast District Office - DAPC shall be notified in writing as to (a) the construction starting date, (b) the construction completion date, and (c) the date the facilities were

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Scrubber Operational Restrictions

1. The pressure loss across the scrubber media shall be maintained within the range of 0 to 3 inches of water while the emissions unit is in operation.
2. The recirculation flow rate across the media shall be greater than 120 gallons per minute.

B. Monitoring and Recordkeeping Requirements

1. The permittee shall properly install, operate and maintain equipment to monitor the pressure loss and recirculation flow rate across the scrubber media while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manual(s).
2. The permittee shall record the pressure loss and recirculation flow rate across the scrubber media on a daily basis.
3. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

C. Reporting Requirements

1. The permittee shall submit quarterly written reports of:
 - a. any deviations (excursions) from emissions limitations, operational restrictions, and control device operating parameter limitations that have

been detected by the testing, monitoring, and recordkeeping requirements specified in this permit;

- b. the probable cause of such deviations; and,
- c. any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA, Southeast District Office.

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

D. Compliance Methods

- 1. Compliance with the emission limitation(s) in Section A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation

- 3.0 pounds PM/hour

- Applicable Compliance Method

- If required, compliance with the particulate matter emissions limit shall be determined in accordance with 40 CFR Part 60, Appendix A, Methods 1-5 and the procedures specified in OAC rule 3745-17-03.

- b. Emission Limitation

- Visible particulate emissions from any stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average at any time.

- Applicable Compliance Method

- If required, compliance with the visible emissions limitations shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.