



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive  
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

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

O.E.P.A.  
S.E.D.O.

99 MAR -2 PM 12:04

CERTIFIED MAIL

Re: Permit to Install  
Washington County  
Application No: 06-5631

February 24, 1999

OHIO VALLEY ALLOY SERVICES INC  
RICHARD J HENTHORN JR  
100 WESTVIEW AVENUE  
MARIETTA, OH 45750

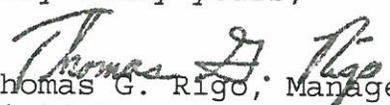
Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

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

cc: US EPA  
SOUTHEAST DISTRICT OFFICE, DAPC

George V. Voinovich, Governor  
Nancy P. Hollister, Lt. Governor  
Donald R. Schregardus, Director



---

## Permit to Install Terms and Conditions

---

Application No. 06-5631  
APS Premise No. 0684020216  
Permit Fee: \$800.00

Name of Facility: OHIO VALLEY ALLOY SERVICES INC

Person to Contact: RICHARD J HENTHORN JR

Address: 100 WESTVIEW AVENUE  
MARIETTA, OH 45750

Location of proposed source(s): 100 WESTVIEW AVENUE  
MARIETTA, OHIO

Description of proposed source(s):  
#1 PACKAGING HOPPER.

Date of Issuance: February 24, 1999

Effective Date: February 24, 1999

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

2 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

**GENERAL PERMIT CONDITIONS**

**TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

**CONSTRUCTION OF NEW SOURCES**

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations.

3 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

#### PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

#### PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

#### APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

4 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

Facility Name: **Ohio Valley Alloy Services, Inc.**Application Number: **06-5631**Date: **February 24, 1999**AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Ohio Valley Alloy Services, Inc.** located in **Washington** County. The emissions units 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 &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F014	#1 Ferro Alloy Packaging Hopper	control device capable of meeting 0.030 gr/dscf. Best Available Control Measures to minimize or eliminate visible emissions of fugitive dust. (See Section A.1.)	3745-31-05 3745-17-08      3745-17-07	0.030 gr/dscf PM <sub>10</sub> or no VE's whichever is less stringent. 1.4 Tons per year. (See Section A.1.0)  This requirement is less stringent than that required by OAC rule 3745-31-05.

## SUMMARY

## TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM <sub>10</sub>	1.4

6 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

#### **CONSTRUCTION STATUS**

The **Ohio EPA 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 placed into operation for the following sources: **F014**.

#### **RECORD(S) RETENTION AND AVAILABILITY**

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

#### **REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA Southeast District Office, DAPC, 2195 Front Street, Logan, Ohio 43138**.

#### **WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

#### **MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

#### **MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA Southeast District Office, DAPC, 2195 Front Street, Logan, Ohio 43138**.

7 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

**AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

**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. Additional Terms and Conditions:**

1. The permittee shall employ best available control measures on the #1 Ferro Alloy Packaging Hopper for the purpose of ensuring compliance with the above mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to both maintain enclosures around the emissions unit and vent emissions to a fabric filter baghouse, which is capable of meeting the applicable requirements to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**B. Monitoring and Recordkeeping Requirements:**

1. The permittee shall perform daily checks, while the equipment is in operation, for any unusual visible emissions of fugitive dust escaping the capture system and for any visible emissions from the baghouse serving

8 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

the emissions unit. A record of the necessary and completed corrective actions resulting from the daily checks shall be maintained by the permittee.

**C. Reporting Requirements:**

1. The permittee shall submit reports which identify each day that the observations required under the monitoring section of this permit were not performed and each day that any corrective measures required to be taken pursuant to the monitoring section of this permit were not performed. These 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. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter.

**D. Testing Requirements:**

1. Compliance with the emission limitations identified above shall be determined in accordance with the following method:

a. Emission Limitation

0.030 grains per dry standard cubic foot of exhaust gases, or no visible emissions, whichever is less stringent.

Applicable Compliance Method:

Compliance shall be determined in accordance with 40 CFR 60 Appendix A, Methods 1-5 and the procedures specified in OAC rule 3745-17-03(B)(1). No testing is specifically required by this permit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04. Compliance will be determined through the monitoring and recordkeeping in the above sections.

9 of 9 Pages

Facility Name: **Ohio Valley Alloy Services, Inc.**

Application Number: **06-5631**

Date: **February 24, 1999**

b. Emission Limitation

1.4 Tons per Year of Particulate Matter

Applicable Compliance Method:

A one time calculation of Potential to Emit based upon baghouse design as follows:

$0.030 \text{ gr/dscf} * 1250 \text{ acfm} * 60 \text{ min/hr} \div 7,000 \text{ gr/lb}$   
 $* 8760 \text{ hr/yr} = 1.4 \text{ TPY}$

**E. Miscellaneous Requirements:**

1. None