



State of Ohio Environmental Protection Agency

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George V. Voinovich
Governor

Donald R. Schregardus
Director

APR 13 AM 9:57

Re: Permit to Install
Tuscarawas County
Application No: 06-3362

CERTIFIED MAIL

April 8, 1992

IMCO RECYCLING INC
RICHARD KERR
P.O. BOX 268, US HWY 275
ROCKWOOD, TN 37854

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.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 Board of Review 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 and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
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

Permit to Install Terms and Conditions

Application No. 06-3362
APS Premise No. 0679030152
Permit Fee: \$8295.00

Name of Facility: IMCO RECYCLING INC

Person to Contact: RICHARD KERR

Address: P.O. BOX 268, US HWY 275
ROCKWOOD, TN 37854

Location of proposed source(s): 7335 NEWPORT RD SE
UHRICHSVILLE, OHIO

Description of proposed source(s):
8 ROTARY FURNACES, DELACQUERING UNIT, SCRAP PROCESSING, DROS
S HANDLING, POURING, CRUSHING, ROADS, NH3 TANK, & GDF.

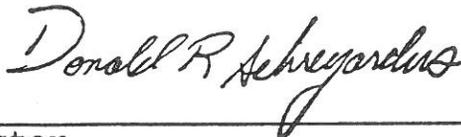
Date of Issuance: April 8, 1992

Effective Date: April 8, 1992

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

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 SOURCE(S)

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 Ohio 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. 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 prove to be inadequate or 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 15 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.

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 and a \$15 application fee 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 made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for IMCO RECYCLING INC located in Tuscarawas 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 and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
P901	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P902	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P903	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P904	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P905	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P906	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate

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P907	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P908	Rotary aluminum furnace	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	0.66 pound of particulate emissions per hour; 2.91 TPY of Particulate
P909	Delacquering Unit	Fabric Filter and Visible Emissions not to Exceed 10% Opacity as a Six-minute Average	3745-31-05 3745-17-11 3745-17-07	1.69 pound of particulate emissions per hour; 7.4 TPY of Particulate
F001	Scrap Processing Line #1	Total Enclosure Vented to Fabric Filter	3745-31-05	0.35 pound of particulate emissions per hour; 1.53 TPY of Particulate
F002	Scrap Processing Line #2	Total Enclosure Vented to Fabric Filter	3745-31-05	0.35 pound of particulate emissions per hour; 1.53 TPY of Particulate
F003	Dross Handling	Total Enclosure Vented to Fabric Filter	3745-31-05	2.0 pound of particulate emissions per hour; 8.76 TPY of Particulate

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
F004	Pouring	Enclosed with Furnace; Vented to Fabric Filter	3745-31-05	No visible emissions of particulate matter from furnace enclosure
F005	Salt Cake Crushing	Total Enclosure Vented to Fabric Filter	3745-31-05	3.0 pound of particulate emissions per hour; 13.14 TPY of Particulate
F006	Roads/Parking	Paved Roads Swept daily, 10 MPH Speed Limit; Good Housekeeping	3745-31-05	No visible emissions from traffic; 9.7 TPY of Particulate
T001	Ammonia Tank	Submerged Fill	3745-31-05	Negligible Emissions
G001	Gasoline Dispensing	Submerged Fill	3745-31-05	20 pounds of hydrocarbon emissions per 1,000 gallons of gasoline throughput

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate Matter	65.34
NO _x	7.14

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with written certification (see enclosed form) that the facility has 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.

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report shall be submitted and signed by the person responsible for the test, describing the test procedures followed and the results of such tests. The Director, or an Ohio EPA representative, shall be allowed to witness the tests, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

1. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.
2. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
3. Tests shall be performed for the following sources and pollutants:

Source

P901-P909,
F001-F003,
F005

Pollutant(s)

Particulate Matter

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 Southeast District Office, 2195 Front Street, Logan, Ohio 43138.

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.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance test conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

GASOLINE DISPENSING OPERATIONS

BAT for the gasoline dispensing operation identified within this permit consists of the transfer of gasoline from a delivery vessel to a stationary storage tank through the use of submerged filling into the storage tank and the restriction of annual throughput to 5,000 gallons of gasoline per year. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Solid, semi-solid or hazardous materials generated by the unit operations are to be reused, recycled or sold for recovery when feasible. Solid, semi-solid and hazardous waste must be stored, treated, or disposed of in facilities installed and operated in accordance with Ohio Revised Code Section 3734.
2. The Southeast District Office of the Ohio Environmental Protection Agency shall be notified, in writing prior to start-up of operations, as to the proposed disposition of all solid, semi-solid and hazardous waste materials. Notification shall include the following information:
 - a. name, location, and address of disposal facility;
 - b. method of disposal (incineration, secure landfill, etc.);
 - c. description of waste material to be disposed of;
 - d. quantities of waste material to be disposed of and frequency of disposal; and
 - e. name and address of contract haulers.

Any change in the disposition of waste materials shall be reported to the District Office prior to such a change.

