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Facility Name: **Mansfield Brass and Aluminum**

Application Number: **03-3054**

Date: **September 23, 1998**

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. Approval of the plans in any case is not to be construed as

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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.

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

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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.

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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Mansfield Brass and Aluminum** located in **Crawford** 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 & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P014	1.2 TPH shotblast machine with baghouse	Use of a baghouse and compliance with the terms and conditions of this permit	3745-31-05	0.23 pound particulate emissions (PE)/hour, 1.00 ton/year
			3745-17-11 (B)	*
			3745-17-07 (A)	*

* The emissions limitation based on this applicable rule is less stringent than the limitation established pursuant to OAC 3745-31-05.

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

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<u>Pollutant</u>	<u>Tons/Year</u>
PE	1.00

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio 43402.**

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 Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio 43402.**

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

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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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

INTRODUCTION: The permittee installed a shotblast machine (P014) at the facility in 1991 without first obtaining a Permit to Install (PTI) application. PTI application No. 03-13054 shall serve to correct this permitting deficiency.

A. APPLICABLE EMISSION LIMITATIONS AND/OR CONTROL REQUIREMENTS

No additional emission limitations and/or control requirements than those contained in the air emission summary.

B. OPERATIONAL RESTRICTIONS

1. The pressure drop across the baghouse shall be maintained within the range of (*) inches of water while the emissions unit is in operation.

* - See Reporting Requirements (2)

C. MONITORING AND/OR RECORDKEEPING REQUIREMENTS

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse 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). The permittee shall record the pressure drop across the baghouse on bi-weekly basis.

2. Each record of any monitoring data, testing data, and support information required pursuant to this permit

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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.

D. REPORTING REQUIREMENTS

1. The permittee shall submit reports in the following manner:
 - a. reports of any required information shall be submitted to the Ohio EPA Northwest District Office; and,
 - b. annual written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA Northwest District Office. If no deviations occurred during a calendar year, an annual report shall be submitted which states that no deviations occurred during that reporting period. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
2. Within 6 months following the issuance of this permit, the permittee shall submit a report detailing the normal operating pressure drop range of the baghouse.

E. TESTING REQUIREMENTS

Compliance Methods Requirements: Compliance with the emission limitations established in this permit shall be

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determined in accordance with the following methods:

1. Emission Limitation: 0.23 pound of PE/hour, 1.00 ton/year

Applicable Compliance Method: The permittee may demonstrate compliance with the hourly PE limitation of 0.23 pound by multiplying the actual hourly process weight rate by the appropriate AP-42 emission factor from Table 12.10-7 (revised 1/95) and incorporating the estimated control efficiency of the baghouse (99%). As long as compliance is maintained with the hourly emission limitation, the unit will be in compliance with the annual emission limitation as it is based on the hourly emission limitation at 8760 hours/year. If required, the test method employed to demonstrate compliance with the emission limitation shall be Method 5 which is located in 40 CFR Part 60, Appendix A.

2. Emission Limitation: 0% Opacity as a 6-minute average

Applicable Compliance Method: Compliance with the opacity limit shall be determined by U.S. EPA Test Methods and Procedures Method 9 which is located in 40 CFR Part 60, Appendix A.

NOTE: No term or condition specifying a method for demonstrating compliance with any emission limitation or other requirement of this permit shall preclude the use by any person of any credible evidence to establish compliance with or a violation of this permit, the Clean Air Act, or any implementing regulations or rules promulgated thereunder.

F. MISCELLANEOUS REQUIREMENTS

NONE.