



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

Re: Permit to Install
Stark County
Application No: 15-1342

CERTIFIED MAIL

September 23, 1998

GALT MATERIALS PROCESSING
JULII GORMAN
P O BOX 269 MS#90
NILES, OH 44446-0269

SEP 28 1998

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
CANTON AIR POLLUTION CONTROL



Permit to Install Terms and Conditions

Application No. 15-1342
APS Premise No. 1576051869
Permit Fee: \$600.00

Name of Facility: GALT MATERIALS PROCESSING

Person to Contact: JULII GORMAN

Address: P O BOX 269 MS#90
NILES, OH 44446-0269

Location of proposed source(s): 208 - 15TH STREET SW
CANTON, OHIO

Description of proposed source(s):
TITANIUM METAL TABLE BLASTING UNIT.

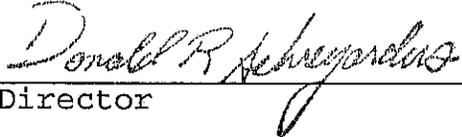
Date of Issuance: September 23, 1998

Effective Date: September 23, 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

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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.

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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.

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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: **Galt Materials Processing**Application Number: **15-1342**Date: **September 23, 1998**AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Galt Materials Processing** located in **Stark** 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> |
|-------------------------------|---|--------------------------|---|---|
| P001 | Titanium metal table blasting unit with scrubber (internal exhaust) | Scrubber 0.01 gr/dscf | 3745-17-07 | BAT is more restrictive |
| | | | 3745-17-08 | BAT is more restrictive |
| | | | 3745-31-05 | PM/PM ₁₀ exhaust from scrubber: 0.01 grain/DSCF 0.46 pound/hour 2 tons/year |
| | | | | There shall be no visible emissions from the exhaust of the scrubber. |

SUMMARY*

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

| <u>Pollutant</u> | <u>Tons/Year</u> |
|---------------------|------------------|
| PM/PM ₁₀ | 2 |

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* Note: The information contained under this Summary section of the Permit to Install is for informational purposes only and is not enforceable.

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 **Canton Air Pollution Control, 420 Market Ave. North, Canton, OH 44702-1544.**

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 **Canton Air Pollution Control, 420 Market Ave. North, Canton, OH 44702-1544.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the

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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. Operational Restrictions

1. All of the emissions from this emissions unit shall be captured and vented to a scrubber. The exhaust from this scrubber shall not contain more than 0.01 grain/DSCF of PM/PM₁₀. The scrubber shall be exhausted inside of a building.
2. There shall be no visible emissions from the exhaust of the scrubber.
3. The wet scrubber shall be equipped with an automated water level sensor which shall be installed and maintained according to the manufacturer's recommendations.
4. The pressure drop across the scrubber shall be continuously maintained in the optimum operating range for this control device. This range shall be established after the emissions unit has been installed and begins to operate and will be included in the permit to operate for this emissions unit.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation, for any visible

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particulate emissions from the exhaust of the scrubber servicing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the cause of the emissions;
 - b. the total duration of any visible emission incident; and,
 - c. any corrective action taken to eliminate visible emissions.
2. The permittee shall properly install, operate and maintain equipment to monitor the static pressure drop across the scrubber, while the emissions unit is in operation. The monitoring device shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information daily when the equipment is in operation:

- a. the pressure drop across the scrubber; and,
- b. the total hours of operation for emissions unit and associated emissions control device.

C. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which (a) identify all days during which any visible particulate emissions were observed from the exhaust of the scrubber servicing this emissions unit and (b) identify any periods of time when the static pressure drop across the scrubber was outside of the range to be established in the permit to operate for this emissions unit. The reports should include any corrective action taken. The reports shall be submitted to the Canton City Health Department, Air Pollution Control Division, 420 North Market Avenue, Canton, Ohio 44702 by January 31 and July 31 of each year and shall cover the previous 6-month period.

D. Compliance Methods and Emission Testing Requirements

1. Compliance with the emissions limitations of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation

0.01 gr/DSCF and 0.46 pound PM/PM₁₀ per hour

Applicable Compliance Method

Compliance with the limit of no visible particulate emissions should show that this limit is being met.

- b. Emission Limitation

2 tons PM/PM₁₀ per year

Applicable Compliance Method

The ton/year limitation was developed by multiplying the pound/hour limitation by the maximum operating schedule of 8760 hours/year, and dividing by 2,000 pounds/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

- c. Emission Limitation

No visible emissions from the exhaust from the wet scrubber servicing this emissions unit.

Applicable Compliance Method

Daily checks for visible emissions

E. Miscellaneous Requirements

1. None.