



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive
Columbus, OH 43215-1099

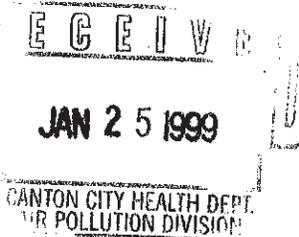
TELE:(614) 644-3020 FAX:(614) 644-2329

MAILING ADDRESS:

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

January 21, 1999

STARK COUNTY
Atmosphere Annealing Inc
John Warner
1501 Raff Road
Canton OH, 44710



CERTIFIED MAIL
Permit Type Summary

TOXIC REVIEW
PSD
SYNTHETIC MINOR
CEMS
MACT
NSPS
NESHAPS
NETTING
MAJOR NON-ATTAINMENT
MODELING SUBMITTED

RE: Permit To Install Number 15-1347

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 within thirty (30) days after the 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. 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 and Permit Section
Division of Air Pollution Control

Enclosure

cc: USEPA
CANTON CITY HEALTH DEPARTMENT

Permit To Install Terms and Conditions

Application Number: 15-1347

Facility ID: 1576051535

Permit Fee: \$3200.00 ~~3000~~ \$ 3000

Name of Applicant: Atmosphere Annealing Inc

Address: 1501 Raff Road

City: Canton, OH 44710

Location of proposed source(s): 1501 RAFF ROAD
CANTON, OHIO

Description of proposed source(s):
TWO SHOTBLASTS WITH DUST COLLECTORS.

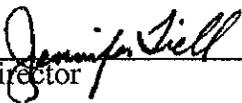
Date of Issuance: 01/21/1999

Effective Date: 01/21/1999

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

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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. Approval of the

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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.

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

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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: **Atmosphere Annealing, Inc**Application Number: **15-1347**Date: **January 21, 1999**AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Atmosphere Annealing Inc** 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.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
P026	Shotblaster with Baghouse (Internal Exhaust) #206 Shot- blast	Baghouse with limit of 0.1 gr/DSCF No Visible Emissions Internal Exhaust	3745-17-07 (A) (1) (1/31/98)	BAT is more restrictive
			3745-17-08 (1/31/98)	BAT is more restrictive
			3745-31-05 (4/27/98)	PM/PM ₁₀ : 0.1 grain/DSCF 0.5 pound/hour 2.2 tons/year
				There shall be no visible particulate emissions from the exhaust of the baghouse
P027	Shotblaster with Baghouse (Internal Exhaust) #206 Shot- blast	Baghouse with limit of 0.1 gr/DSCF No Visible Emissions Internal Exhaust	3745-17-07 (A) (1) (1/31/98)	BAT is more restrictive
			3745-17-08 (1/31/98)	BAT is more restrictive
			3745-31-05 (4/27/98)	PM/PM ₁₀ : 0.1 grain/DSCF 0.5 pound/hour 2.2 tons/year

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P027 cont'd				There shall be no visible particulate emissions from the exhaust of the baghouse

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM/PM ₁₀	4.4

Note: The information contained under the Summary of Emissions 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 Division, 420 Market Avenue North, Canton, Ohio 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.

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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 Division, 420 Market Avenue North, Canton, Ohio 44702-1544.**

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

I. Emissions Unit P026 - #206 Shotblaster

A. Operational Restrictions (P026)

1. All of the emissions from this shotblaster shall be vented to a baghouse. The exhaust from this baghouse shall be internally vented within a building and shall contain no more than 0.1 grain/DSCF of PM/PM₁₀.
2. There shall be no visible emissions coming from the exhaust of the baghouse.

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3. The pressure drop across the baghouse shall be maintained within the range of 0.2 to 5 inches of water while the emissions unit is in operation.

B. Monitoring and/or Recordkeeping Requirements (P026)

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 a weekly basis.
2. The permittee shall make daily checks, when the emissions unit is in operation, for any visible particulate emissions from the exhaust of the baghouse servicing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. The permittee shall note in the operations log any corrective action taken to eliminate the visible emissions.

C. Reporting Requirements (P026)

1. The permittee shall submit quarterly deviation (excursion) reports of the following:
 - a. Identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
 - b. Identify all days during which any visible particulate emissions were observed from the exhaust of the baghouse serving this emissions unit and describe any corrective actions taken to eliminate the visible particulate emissions.
2. The permittee shall submit reports in the following manner:
 - a. Reports shall be submitted to the Canton City Health Department; Air Pollution Control Division; 420 Market Avenue N.; Canton, OH 44702.

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- b. Quarterly written reports of any deviation from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the monitoring and recordkeeping requirements specified in this permit, the probable cause of such deviations, and any corrective actions or preventative measures taken, shall be promptly made to the Canton Local Air Agency. If no deviations occurred during the calendar quarter, a quarterly report shall be submitted which states that no deviations occurred during that quarter. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (Any malfunctions must be reported in accordance with the procedures specified in OAC rule 3745-15-06.)

D. Compliance Methods and Testing Requirements (P026)

1. Compliance with the emission limitation(s) of this permit shall be determined in accordance with the following method(s):

- a. Emission Limitation

0.1 gr/DSCF of PM/PM₁₀
0.5 pound/hour of PM/PM₁₀

Applicable Compliance Method

Compliance shall be demonstrated using Method 5, 40 CFR Part 60, Appendix A. If this emissions unit can operate without visible emissions, compliance should be assured.

- b. Emission Limitation

No visible particulate emissions from the exhaust of the baghouse

Applicable Compliance Method

Daily checks by the permittee

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c. Emission Limitation

2.2 tons PM-PM₁₀/year

Applicable Compliance Method

Multiply the hourly emission limit times 8,760 hours/year.

E. Miscellaneous Requirements (P026)

None

II. Emissions Unit P027 - #207 Shotblaster

A. Operational Restrictions (P027)

1. All of the emissions from this shotblaster shall be vented to a baghouse. The exhaust from this baghouse shall be internally vented within a building and shall contain no more than 0.1 grain/DSCF of PM/PM₁₀.
2. There shall be no visible emissions coming from the exhaust of the baghouse.
3. The pressure drop across the baghouse shall be maintained within the range of 0.2 to 5 inches of water while the emissions unit is in operation.

B. Monitoring and/or Recordkeeping Requirements (P027)

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 a weekly basis.
2. The permittee shall make daily checks, when the emissions unit is in operation, for any visible particulate emissions from the exhaust of the baghouse servicing this emissions unit. The

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presence or absence of any visible emissions shall be noted in an operations log. The permittee shall note in the operations log any corrective action taken to eliminate the visible emissions.

C. Reporting Requirements (P027)

1. The permittee shall submit quarterly deviation (excursion) reports of the following:
 - a. identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above; and,
 - b. identify all days during which any visible particulate emissions were observed from the exhaust of the baghouse serving this emissions unit and describe any corrective actions taken to eliminate the visible particulate emissions.
2. The permittee shall submit reports in the following manner:
 - a. reports shall be submitted to the Canton City Health Department; Air Pollution Control Division; 420 Market Avenue N.; Canton, OH 44702; and,
 - b. quarterly written reports of any deviation from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the monitoring and recordkeeping requirements specified in this permit, the probable cause of such deviations, and any corrective actions or preventative measures taken, shall be promptly made to the Canton Local Air Agency. If no deviations occurred during the calendar quarter, a quarterly report shall be submitted which states that no deviations occurred during that quarter. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (Any malfunctions must be reported in accordance with the procedures specified in OAC rule 3745-15-06.)

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D. Compliance Methods and Testing Requirements (P027)

1. Compliance with the emission limitation(s) of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation

0.1 gr/DSCF of PM/PM₁₀
0.5 pound/hour of PM/PM₁₀

Applicable Compliance Method

Compliance shall be demonstrated using Method 5, 40 CFR Part 60, Appendix A. If this emissions unit can operate without visible emissions, compliance should be assured.

b. Emission Limitation

No visible particulate emissions from the exhaust of the baghouse

Applicable Compliance Method

Daily checks by the permittee

c. Emission Limitation

2.2 tons PM-PM₁₀/year

Applicable Compliance Method

Multiply the hourly emission limit times 8,760 hours/year.

E. Miscellaneous Requirements (P027)

None