



State of Ohio Environmental Protection Agency

JP

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
Franklin County
Application No: 01-6629
NSPS

CERTIFIED MAIL

January 15, 1997

METRO MATERIALS CORPORATION-WESTERVILLE
MARTIN L. SAVKO
4636 SHUSTER ROAD
COLUMBUS, OH 43214

RECEIVED
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OHIO EPA/CDO

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 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 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
CENTRAL DISTRICT OFFICE, DAPC



Permit to Install Terms and Conditions

Application No. 01-6629
APS Premise No. 0125232331
Permit Fee: \$1600.00

Name of Facility: METRO MATERIALS CORPORATION-WESTERVILLE

Person to Contact: MARTIN L. SAVKO

Address: 4636 SHUSTER ROAD
COLUMBUS, OH 43214

Location of proposed source(s): 6055B WESTERVILLE ROAD
WESTERVILLE, OHIO

Description of proposed source(s):
RECLAIMED CONCRETE AND ASPHALT CRUSHING AND SCREENING OPERAT
ION, PORTABLE PLANT.

Date of Issuance: January 15, 1997

Effective Date: January 15, 1997

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 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 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 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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for METRO MATERIALS CORPORATION-WESTERVILLE located in Franklin 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 & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P001	Crushing and screening portable plant	Compliance with applicable OAC rules and 40 CFR Part 60, Subpart 000; use of water spray and operational limit*	3745-31-05 3745-17-08 40 CFR, Part 60 Subpart 000	0.97 lb/hr PM 0.24 TPY PM Opacity limited to <15% on crusher operation and <10% on screening operation See additional special terms and conditions
F001	Roadways and parking areas	Compliance with applicable rules and regulations; use of dust suppressant and/or sweeping; speed reduction; and operational limit*	3745-31-05 3745-17-08	3.36 TPY PM See additional special terms and conditions
F002	Storage piles	Compliance with applicable regulations; loading/unloading precautions; minimize pile height	3745-31-05 3745-17-08	2.35 TPY PM See additional special terms and conditions

<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>
F003	Material handling and conveying	Compliance with applicable OAC rules and 40 CFR Part 60, Subpart 000	3745-31-05 3745-17-08 40 CFR Part 60 Subpart 000	3.24 TPY PM Opacity at transfer points and conveyors limited to 10%
		Maintain sufficient moisture to minimize emissions; operational limit*		See additional special terms and conditions

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	9.19

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source No.</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
P001	Crushing and screening operation	40 CFR Part 60 Subpart 000
F003	Material handling and conveying	40 CFR Part 60 Subpart 000

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);

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- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and OEPA Central District Office - DAPC
3232 Alum Creek Drive, P. O. Box 1049
Columbus, Ohio 43216-1049

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 OEPA Central District Office - DAPC, 3232 Alum Creek Drive, P. O. Box 1049, Columbus, Ohio 43216-1049.

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 OEPA Central District Office - DAPC, 3232 Alum Creek Drive, P. O. Box 1049, Columbus, Ohio 43216-1049.

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

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source No.</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
P001	Reclaimed concrete and asphalt crushing and screening portable plant	000
F003	Material transfer and handling operations	000

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 1049
Columbus, OH 43216-1049

and Ohio EPA - Central District Office - DAPC
3232 Alum Creek Drive
Columbus, OH 43207

EMISSIONS TESTING REQUIREMENTS

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

1. the emission testing shall be conducted within 60 days of achieving maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up;
2. the emission testing shall be conducted to demonstrate compliance with requirements of 40 CFR Part 60, Subpart 000, limiting fugitive particulate emissions from screening operations and transfer points on belt conveyors to no greater than 10% opacity, and from any crusher to no greater than 15% opacity;
3. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 9 of 40 CFR Part 60, Appendix A, with the additions specified in 40 CFR Part 60, Subpart 000 (60.675); and
4. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA - Central District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA - Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Central District Office to accept the results of the emission test(s).

Personnel from the Ohio EPA - Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide

a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA - Central District Office within 30 days following the completion of the test(s).

NOTICE OF INTENT TO RELOCATE

Pursuant to OAC Rule 3745-31-03(A)(1)(p), the owner or operator of the portable source identified within this Permit to Install may relocate within the State of Ohio without first obtaining a Permit to Install providing the criteria of OAC 3745-31-05(F) are met.

In order for the Director to determine compliance with the above criteria, the owner or operator of the portable source must file a "Notice of Intent to Relocate" at least 30 days prior to the relocation of the source with the Ohio EPA - Central District Office - DAPC, 3232 Alum Creek Drive, Columbus, Ohio 43207. Upon receipt of the notice, the Director, or the Director's authorized representative, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio Environmental Protection Agency's approval prior to relocation of the source may result in fines and civil penalties.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Control of Fugitive Dust from Plant Roadways and Parking Areas

The unpaved roadways and parking areas shall be treated with water or any other dust suppressant in order to minimize or eliminate at all times visible emissions of fugitive dust generated by vehicular traffic. Frequency of application when water is used as a dust suppressant shall be at a minimum daily, or as needed to sufficiently control fugitive dust. Frequency of application when any other material is used as a dust suppressant shall be as needed to sufficiently control fugitive dust. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

The permittee shall sweep the paved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. The paved surfaces shall be swept, at a minimum daily. The permittee shall not be required to sweep during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the source owner's property and deposited onto the city streets by the vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly in such a manner as to minimize or prevent resuspension.

A maximum speed limit of five (5) miles per hour shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.

There shall be no visible particulate emission from any unpaved road or parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.

2. Operational Restrictions Concerning the Use of Waste Oil as Dust Suppressant

When waste oil is used for controlling fugitive dust from the unpaved road segments and parking areas, the following restrictions shall be followed:

- a. the permittee shall certify or possess certification that all waste oil used to control fugitive dust meets the PCB limitations set forth in 40 CFR 761, and that there are no listed hazardous wastes or characteristic hazardous wastes as set forth in 40 CFR 261;
- b. waste oil shall be applied in such a manner as to prevent pollution of waters of the State as required by the Ohio Revised Code, section 6111;
- c. waste oil shall be applied only to unpaved road and parking area surfaces, and only between sunrise and sundown (daylight hours);
- d. waste oil shall not be applied to a water-saturated surface nor to surfaces on days of predicted rainfall events;
- e. waste oil shall not be applied at an application rate that allows pooling of liquid;
- f. waste oil shall not be applied to the same surface more frequently than twice per week;
- g. the application of waste oil shall not cause runoff from the application surface;
- h. waste oil shall not be applied to vegetation near or adjacent to surfaces being treated;

- i. waste oil shall not be applied within 12 feet of structures crossing bodies of water or drainage ditches;
- j. the discharge of waste oil must stop when the applicator vehicle stops;
- k. the applicator vehicle must be moving at least 5 miles per hour at all times while the waste oil is being applied;
- l. the applicator vehicle discharge valve shall be locked closed between the waste oil collection point and the specific surfaces which have been approved for waste oil application;
- m. any valves that provide for tank draining other than through the spreader bar must be locked closed during waste oil application and transport; and
- n. the angle of discharge from the applicator vehicle spreader bar shall not be greater than 60 degrees from the perpendicular to the unpaved surface.

3. Control of Fugitive Dust from Raw Material Storage Piles

All raw material and processed aggregate storage piles shall contain sufficient moisture so as to minimize or eliminate visible emissions caused by wind erosion.

Storage pile heights shall be maintained as low as is practicable to minimize or eliminate visible emissions caused by wind erosion.

4. Control of Fugitive Dust from Material Handling and Transfer Operation

All raw material and processed aggregate transferred to and from storage piles shall contain sufficient moisture so as to minimize or eliminate visible fugitive dust emissions.

During loading and unloading of material by conveyor or front end loader, the drop height shall be minimized in order to minimize or eliminate the visible emissions of fugitive dust.

Visible particulate emission from the transfer and handling of material from conveyors and conveyor transfer points shall not exceed 10% opacity as a three minute average.

5. Control of Fugitive Dust from Crushing and Screening Operations

All material processed shall contain sufficient moisture so as to minimize or eliminate visible emissions of fugitive

dust. The crusher and screens shall be equipped with spray bars or other equivalent means of maintaining a sufficient moisture level.

Visible particulate emission from the crusher operations of this source shall not exceed 15% opacity as a three minute average. Visible particulate emissions from the screening operations of this source shall not exceed 10% opacity as a three minute average.

6. Annual Operating Hours Limitations

The maximum annual operating hours for this emissions unit shall not exceed 3,300 hours as a rolling twelve month average.

7. Recordkeeping Requirements

The permittee shall maintain the following records of facility operations which include the information described below:

A. Recordkeeping requirements for unpaved roadways and parking areas (which are periodically treated with dust suppressants)

The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:

- i. the date dust suppressants were applied to the unpaved surfaces;
- ii. the portions of unpaved surfaces that were treated with dust suppressants;
- iii. the name of the equipment operator responsible for the application of the dust suppressants.

B. Recordkeeping requirements for paved roadways and parking areas (which are periodically swept)

The permittee shall maintain records which include the following information for the paved roadways and parking areas:

1. the date the paved surfaces were swept;
2. the portions of the paved surfaces that were swept; and
3. the name of the equipment operator responsible for the sweeping.

C. Recordkeeping requirements for the use of waste oil as a dust suppressant

Records shall be kept of the dates of individual applications and the quantity of all oil applied, and the oil's certificate of compliance with 40 CFR 761, and 40 CFR 261. This certificate of compliance should include, but not be limited to, the name of the oil supplier and an analysis of the oil. The analysis shall include a standard PCB test (gas chromatography using electron capture detector, a column packing of OV-1 or OV-17 and a florisisil clean-up) and representative sampling methods, EP toxicity test procedures, and chemical analysis test methods as specified in 40 CFR 261, App. I, II, and III.

D. Operational recordkeeping requirements

The permittee shall maintain monthly records of the operating hours for this emissions unit. The permittee shall also maintain monthly records of the total tons of reclaimed concrete and asphalt processed by this emissions unit.

8. Reporting Requirements

In addition to the reporting requirements listed in the New Source Performance Standards (NSPS) requirements section, the permittee shall notify the Director of any monthly record showing that the annual operating hours at the facility are equal to or greater than 3,300 hours. A copy of such record shall be sent to the Director within 45 days after the exceedance occurs.

The permittee shall maintain the records of the above information in a readily accessible location for at least 3 years and shall make these records available to the Director upon verbal or written request.