State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
FRANKLIN COUNTY

Street Address:
122 S. Front Street
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329
Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 01-08627

DATE: 8/27/2002

Olen Corporation
Leroy Walls
4755 South High St
Columbus, OH 432074028

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 Directors 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,
Michael W. Ahern
Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA **CDO**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 8/27/2002**
Terms and Conditions	**Effective Date: 8/27/2002**

FINAL PERMIT TO INSTALL 01-08627

Application Number:	01-08627
APS Premise Number:	0125120867
Permit Fee:	**$2200**
Name of Facility:	Olen Corporation
Person to Contact:	Leroy Walls
Address:	4755 South High St Columbus, OH 432074028

Location of proposed air contaminant source(s) [emissions unit(s)]:
2709 Amity Rd
Hilliard, **Ohio**

Description of proposed emissions unit(s):
Portable screen and conveyor.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(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 emissions unit(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 emissions unit(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

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) 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, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit 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 for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

The proposed emissions unit(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 cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(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 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 the requirements of this permit or cannot meet applicable standards.

10. 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.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. 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.

13. Source Operation and Operating Permit Requirements 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, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. 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.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons Per Year
PM	13.1
SO2	0.49
NOX	6.9
OC	0.55
CO	1.5

Emissions Unit ID: **B001**

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements
B001- 51 HP diesel engine generator	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-17-10(B)(1)
	OAC rule 3745-17-07(A)
	OAC rule 3745-18-06(G)
	OAC rules 3745-21-08(B) and 3745-23-06(B)

Applicable Emissions Limitations/Control Measures	
Particulate emissions shall not exceed 0.11 pound per hour and 0.49 ton per year from the combustion of no. 2 fuel oil.	heat input.
Sulfur dioxide emissions shall not exceed 0.11 pound per hour and 0.46 ton per year from the combustion of no. 2 fuel oil.	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
Nitrogen oxides emissions shall not exceed 1.6 pounds per hour and 6.9 tons per year from the combustion of no. 2 fuel oil.	When firing number two fuel oil, sulfur dioxide emissions shall not exceed 0.5 pounds per MMBtu of actual heat input.
Organic compound emissions shall not exceed 0.13 pound per hour and 0.55 ton per year from the combustion of no. 2 fuel oil.	None, see A.I.2.a. below.
Carbon monoxide emissions shall not exceed 0.34 pound per hour and 1.49 tons per year from the combustion of no. 2 fuel oil.	
The requirements established pursuant to this rule also include the compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-10(B)(1) and 3745-18-06(G).	
See A.I.2.b below.	
Particulate emissions shall not exceed 0.020 lb/MMBtu of actual	

2. Additional Terms and Conditions

2.a The design of the emissions unit and the technology associated with the current operating practices will satisfy the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-08 and 3745-23-06, respectively.

2.b The short term and annual limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. The permitee shall burn only no. 2 fuel oil in this emissions unit with a sulfur content less than 0.5% by weight.

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/MMBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).]

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than 0.5% sulfur diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

   a. Emission Limitations:
   Particulate emissions shall not exceed 0.11 pound per hour and 0.49 ton per year from the

combustion of no. 2 fuel oil.

Applicable Compliance Method:
When firing no. 2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the maximum power output of the emissions unit (51 horsepower) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for total particulates in no. 2 fuel oil combustion (0.00220 lb/HP-HR).

The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9) while firing no. 2 fuel oil.

b. Emission Limitations:
Sulfur dioxide emissions shall not exceed 0.11 pound per hour and 0.46 ton per year from the combustion of no. 2 fuel oil.

Applicable Compliance Method:
When firing no. 2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the maximum power output of the emissions unit (51 horsepower) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for sulfur dioxide in no. 2 fuel oil combustion (0.00205 lb/HP-HR).

The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6 and the procedures specified in OAC rule 3745-17-03(B)(9) while firing no. 2 fuel oil.

c. Emission Limitations:
Nitrogen oxides emissions shall not exceed 1.6 pounds per hour and 6.9 tons per year from the combustion of no. 2 fuel oil.

Applicable Compliance Method:
When firing no. 2 fuel oil, compliance with this emission limitation shall be demonstrated by multiplying the maximum power output of the emissions unit (51 horsepower) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for NOx in number two fuel oil combustion (0.031 lb/HP-HR).

The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing no. 2 fuel oil.

d. Emission Limitations:
Organic compound emissions shall not exceed 0.13 pound per hour and 0.55 ton per year from the combustion of no. 2 fuel oil.

Applicable Compliance Method:
When firing no. 2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the maximum power output of the emissions unit (51 horsepower) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for total organic compounds in no. 2 fuel oil combustion (0.00247 lb/HP-HR).

The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 while firing no. 2 fuel oil.

e. Emission Limitations:
Carbon monoxide emissions shall not exceed 0.34 pound per hour and 1.49 tons per year from the combustion of no. 2 fuel oil.

Applicable Compliance Method:
When firing no. 2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the maximum power output of the emissions unit (51 horsepower) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for carbon monoxide in no. 2 fuel oil combustion (0.00668 lb/HP-HR).

The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10 while firing no. 2 fuel oil.

f. Emission Limitation:
Particulate emissions shall not exceed 0.020 pound per MMBtu of actual heat input.

Applicable Compliance Method:
When firing number two fuel oil, compliance with this emission limitation may be demonstrated by multiplying the maximum input capacity of the emissions unit (0.41 mmBtu/hr) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96) for filterable particulates in no. 2 fuel oil combustion (0.31 lbs of particulates/mmBtu fuel input).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9) while firing no. 2 fuel oil.

g. Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:
If required, compliance shall be demonstrated through visible emissions observation performed in accordance with 40 CFR Part 60, Appendix A, Method 9, and the procedures specified in OAC 3745-17-03(B)(1).

h. Emission Limitation:
When firing number two fuel oil, sulfur dioxide emissions shall not exceed 0.5 pounds per

MMBtu of actual heat input.

Applicable Compliance Method:
When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation may be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6, while firing no. 2 fuel oil.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F002 - portable aggregate screening plant including load in, conveying, screening, load out	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.68 pound per hour and 3.0 tons per year. See II.A.2.a-c below. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart OOO.
	OAC rule 3745-17-08(B)(6)	The emission limitations specified by these rules are equal to or less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).
	40 CFR Part 60, Subpart OOO	Visible emissions of fugitive dust shall not exceed 10% opacity, except as provided by rule.

2. Additional Terms and Conditions

2.a The hourly and annual emission limitations were established to reflect the potential to emit for these emissions units. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with these limits.

2.b The permittee shall employ best available control measures during conveying and handling and screening operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by applying water at sufficient frequencies to maintain moisture content of the gravel sufficient to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.c The following conveying and handling operations are included in this emissions unit and subject to the above referenced applicable rules/requirements, emission limitations and control measures:

Transfer Points (4) = 300 tons/hr
Material Handling = 300 tons/hr
Screens = 300 tons/hr

B. Operational Restrictions

1. Water shall be applied at all emission points whenever necessary to ensure compliance with the visible emission limitations.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, when each conveying and transfer point and screen is operating and when the weather conditions allow, for any visible fugitive particulate emissions from each conveying and transfer point and screening operation. 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. whether the emissions are representative of normal operations;

b. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;

c. the total duration of any visible emission incident; and

d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit semiannual reports which (a) identify all days during which any abnormal visible fugitive particulate emissions were observed from any conveying and transfer point and screen and (b) describe any corrective actions taken to eliminate the abnormal visible fugitive particulate emissions. These reports shall be submitted to the Central District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation
Particulate emissions shall not exceed 0.68 lb/hr.

Applicable Compliance Method
Compliance shall be demonstrated by summing the calculated hourly emission rate for each conveying or handling operation as determined by multiplying the maximum hourly production rate (300 tons/hr. PTI application, 6/14/02) by the appropriate emission factor specified in USEPA reference document AP-42, 11.19.2-2 (1/95) by the tons per hour of the specific operation.

b. Emission Limitation:
Particulate emission shall not exceed 3.0 tons/yr.

Applicable Compliance Method:
The annual emission limit was established by multiplying the short term emission limitation by 8760 hours per year and dividing by 2000 pounds per ton

c. Emission Limitation:
Visible emissions of fugitive dust shall not exceed 10% opacity, except as provided by rule.

Applicable Compliance Method
The permittee shall conduct, or have conducted, emission testing for each conveying operation in accordance with the following requirements.

i. On or after the sixtieth day after the PTI is issued, but not later than 180 days after PTI issuance, emissions testing shall be conducted.

ii The emission testing shall be conducted to demonstrate compliance with the opacity limitation.

iii. The following test method shall be employed to demonstrate compliance with the 40 CFR Part 60 Subpart OOO: 40 CFR Part 60, Appendix A, Method 9. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

iv. 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 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 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 these 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 Central District Office's refusal to accept the results of the emission test(s).

Personnel from the 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 Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Central District Office.

F. Miscellaneous Requirements

1. The following source is 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.

Source Number	Source Description	NSPS Regulation (Subpart)
F002	portable aggregate screening plant (300 ton/hr) including load in, conveying, screening, load out	Subpart OOO

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);
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 - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and

Central District Office
Division of Air Pollution Control
3232 Alum Creek Drive
Columbus, OH 43207

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	OAC rule 3745-17-07(B)(6) and OAC rule 3745-17-08(B)(6)
F003 - aggregate storage piles		
Load-in and load-out of storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3)	
	OAC rule 3745-17-07(B)(6) and OAC rule 3745-17-08(B)(6)	
Wind erosion from storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3)	

Applicable Emissions Limitations/Control Measures	
Particulate emissions shall not exceed 20.5 tons/yr. No visible emissions except for one minute in any hour. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b, A.2.c and A.2.f) The limitations specified by these rules are equal to or less stringent than the limitations established pursuant to OAC rule 3745-31-05(A)(3).	
No visible emissions except for one minute in any hour. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.f). The limitations specified by these rules are equal to or less stringent than the limitations established pursuant to OAC rule 3745-31-05(A)(3).	

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05(A)(3) are listed below:

Four aggregate piles

2.b The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintaining the moisture content of the gravel sufficient to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.c The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

2.d The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintaining the moisture content of the gravel sufficient to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

2.f Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05(A)(3).

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
All gravel piles	Daily

2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-out inspection frequency
All gravel piles	Daily

3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification	minimum wind erosion inspection frequency
All gravel piles	Daily

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

6. The permittee may, upon receipt of written approval from the Ohio EPA, Central District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent

inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

7. The permittee shall maintain records of the following information:

   a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

   b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

   c. the dates the control measures were implemented; and

   d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

   The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. In accordance with paragraph A.2. of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that identify any of the following occurrences:

   a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

   b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

E. Testing Requirements

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

   a. Emission Limitation:
   No visible emissions from load-in/load-out activities and wind erosion except for one

minute in any hour.

Applicable Compliance Method:
If required, compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

b. Emission Limitation:
Particulate emissions shall not exceed 20.5 tons/yr.

Applicable Compliance Method:
Compliance with the particulate limitation may be determined by multiplying the emission factor equation below (AP-42, 13.2.4, 1/95) by the maximum annual production and the percentage of emissions that will be uncontrolled. The resulting emission rate shall be divided by 2,000 pounds/ton.

Storage pile emission factor equation:
E = k * 0.0032 *(U/5)^1.3 / (M/2)^1.4 = lb particulate/ton (AP 42, 13.2.4, 1/95), where:
E = emission factor
k = particle size multiplier (0.74)
U = mean wind speed in miles per hour (9.1 mph)
M = material moisture content (4.0%)

E = (0.74) * (0.0032) * [(9.1/5)^1.3 / (4.0/2)^1.4 = 0.00195 lb particulate/ton
[(0.00195 lb/ton) * (300 tons/hr) * (8760 hr/yr) / (2,000 pounds/ton)] * 2 (load in/out) * 4 storage pile s= 20.5 tons per year

F. Miscellaneous Requirements

None