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Facility Name: **Olen Corporation**

Application Number: **01-7400**

Date: **October 7, 1998**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as

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an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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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.

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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>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Olen Corporation** located in **Licking** 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.

transfer points)

wet suppression

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>
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<u>BAT Determination</u>

F001	Secondary crushing
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Compliance with applicable rules and regulations; inherent moisture content

F002	Screening
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Compliance with applicable rules and regulations; wet suppression

F003	Material handling (conveyor)
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Compliance with applicable rules and regulations;

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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>
	Subpart 000			
Applicable Federal & <u>OAC Rules</u>		Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>		
3745-31-05; 40 CFR 60 Subpart 000		0.26 TPY particulate; Opacity shall not exceed 15 percent; See Additional Special Terms and Conditions		
3745-31-05; 40 CFR 60 Subpart 000		0.1 TPY particulate; Opacity shall not exceed 10 percent; See Additional Special Terms and Conditions		
3745-31-05; 40 CFR 60 Subpart 000		1.35 TPY particulate; Opacity shall not exceed 7 percent; See Additional Special Terms and Conditions		
3745-31-05; 40 CFR 60				

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SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Total Suspended Particulate	1.71

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, OH 43207-3417.**

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, OH 43207-3417.**

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

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accompanied by the shutdown of the associated air pollution sources.

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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

A. Operational Restrictions

NSPS Requirements

1. 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>
F001	Secondary crusher (design capacity: 400 tons/hour)	000
F002	Secondary screen (design capacity: 400 tons/hour)	000
F003	Material handling - (9 conveyor transfer points)	000

B. Recordkeeping Requirements

1. The permittee shall maintain monthly records of the total tons of aggregated processed by these emission units.

C. Reporting Requirements

1. The permittee shall submit annual reports that identify the annual aggregate production rate. These reports shall be submitted by January 31 of each year.

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D. Compliance Determination

1. Crushing

a. Emission Limitation

- i. visible particulate matter emissions may not exceed 15 percent opacity; and,
- ii. 0.26 TPY particulate matter.

b. Applicable Compliance Method

- i. compliance with opacity limits for particulate shall be determined by Method 9, 40 CFR 60 - Appendix A and the procedures in 40 CFR 60.11; and,
- ii. compliance with the emission limit is calculated by multiplying the AP-42 11.19.2 PM₁₀ emission factor (0.0024 pound/ton) for crushing with the maximum annual production and dividing by 2000. This value is then multiplied by 2.11 to convert from PM₁₀ to TSP.

2. Screening

a. Emission Limitation

- i. visible particulate matter emissions may not exceed 10 percent opacity; and,
- ii. 0.1 TPY Particulate matter.

b. Applicable Compliance Method

- i. compliance with opacity limits for particulate shall be determined by Method 9, 40 CFR 60 - Appendix A and the procedures in 40 CFR 60.11; and,
- ii. compliance with the emission limit is calculated by multiplying the AP-42 11.19.2 PM₁₀ emission factor (0.00084 pound/ton) for screening with the maximum annual production and dividing by 2000. This value is then multiplied by 2.11 to convert from PM_{10t} to TSP.

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3. Material Handling (Conveyor Points)

a. Emission Limitation

i. visible particulate matter emissions may not exceed 7 percent opacity; and,

ii. 1.35 TPY particulate matter.

b. Applicable Compliance Method

i. compliance with opacity limits for particulate shall be determined by Method 9, 40 CFR 60 - Appendix A and the procedures in 40 CFR 60.11; and,

ii. compliance with the emission limit is calculated by multiplying the AP-42 11.19.2 PM₁₀ emission factor (0.0014 pound/ton) for transfer points with the maximum annual production and dividing by 2000 to derive the value for one transfer point. Multiply this value by the number of transfer points at the facility (9) and then multiply by 2.11 to covert frm PM_{10t} to TSP.