



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.  
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL  
FAIRFIELD COUNTY  
Application No: 01-06604

DATE: 5/13/2003

Shelly Materials Plant 62  
Larry Shively  
Post Office Box 266 8775 Blackbird Ln  
Thornville, OH 43076

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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,

A handwritten signature in cursive script that reads "Michael W. Ahern".

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

CC: USEPA

CDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 5/13/2003  
Effective Date: 5/13/2003**

**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 01-06604**

Application Number: **01-06604**  
APS Premise Number: **0123000206**  
Permit Fee: **\$0**  
Name of Facility: **Shelly Materials Plant 62**  
Person to Contact: **Larry Shively**  
Address: **Post Office Box 266 8775 Blackbird Ln  
Thornville, OH 43076**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**3232 Lancaster Logan Rd  
Lancaster, OHIO**

Description of modification:  
**Diesel engine.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

**Shelly Materials Plant 62**

**PTI Application: 01-06604**

**Modification Issued: 5/13/2003**

Facility ID: **0123000206**

## **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 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.

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### **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 AND OPERATION AFTER COMPLETION OF CONSTRUCTION**

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 ninety (90) days after commencing operation of the source(s) covered by this permit.

### **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 &amp; 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 **Shelly Materials Plant 62** located in **FAIRFIELD** 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.

#2 fuel oil with a sulfur content less than 0.5%.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>
B001	Diesel fired transfer pump # 1	Compliance with the permitted emission limits and applicable rules. Use of #2 fuel oil with a sulfur content less than 0.5%.	3745-31-05 3745-17-11 3745-17-07
B002	Diesel fired transfer pump # 2	Compliance with the permitted emission limits and applicable rules. Use of	3745-31-05 3745-17-11 3745-17-07

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	CO 3.8 tons/yr CO			
Permit Allowable Emissions and/or Control/Usage Requirements	Opacity shall not exceed 20% as a six minute average.  See Additional Special Terms and Conditions.			
0.58 lb/hr PM	0.58 lb/hr PM			
1.26 tons/yr PM	1.26 tons/yr PM			
0.54 tons/yr SO <sub>2</sub>	0.54 lb/hr SO <sub>2</sub>			
1.17 tons/yr PM	1.17 tons/yr SO <sub>2</sub>			
0.54 lb/hr SO <sub>2</sub>	8.18 lbs/hr NO <sub>x</sub>			
1.17 tons/yr SO <sub>2</sub>	17.59 tons/yr NO <sub>x</sub>			
8.18 lbs/hr NO <sub>x</sub>	0.56 lb/hr VOC			
17.59 tons/yr NO <sub>x</sub>	1.2 tons/yr VOC			
0.56 lb/hr VOC	1.78 lbs/hr CO			
1.2 tons/yr VOC	3.8 tons/yr CO			
1.78 lbs/hr	Opacity shall not exceed 20% as a six minute average.			
	See Additional Special Terms and Conditions.			

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**SUMMARY**  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
PM	2.35
SO <sub>2</sub>	2.18
OC	2.24
NO <sub>x</sub>	32.83
CO	7.11

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

**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.

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### **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 **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.

### **ADDITIONAL SPECIAL TERMS AND CONDITIONS**

#### **1. Operational Restrictions**

- A. The sulfur content of the oil burned in emissions units B001 and B002 shall not exceed 0.5% by weight.
- B. The fuel usage by emissions units B001 and B002 shall not exceed 75,000 and 65,000 gallons per year, respectively.

#### **2. Recordkeeping**

This facility shall maintain monthly records for emissions units B001 and B002 which shall contain the following information:

- A. The date of receipt, amount received (gallons) and sulfur content (% by weight) for each shipment of fuel received for use; and
- B. The date of each day of operation and corresponding number of hours of operation.

These records, as well as any supporting fuel analyses or computations, shall be retained in the facility's files for a period of not less than three years and shall be made available to the Director or any authorized representative of the Director for review upon request.

#### **3. Reporting Requirements**

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- A. The permittee shall submit deviation (excursion) reports which identify all exceedances of any of the maximum allowable consumption levels for oil.
- B. Reporting Requirements for the Oil Usage and Quality Data.  
The permittee shall submit, on quarterly basis to Ohio EPA, Central District Office (address below), copies of the permittee or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit.

These quarterly reports shall be submitted by January 31, April 30, July 31, and October 31 of each years and shall cover the oil shipments received during the previous calendar quarters

- C. The permittee shall submit deviation (excursion) reports which identify all exceedances of the emission limitations for PM, SO<sub>2</sub>, VOC, CO, and NO<sub>x</sub>.

Ohio Environmental Protection Agency, DAPC  
Central District Office  
3232 Alum Creek Drive  
Columbus, Ohio 43207