



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: **DRAFT PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL

MEDINA COUNTY

Application No: 16-01620

Fac ID: 1652050040

DATE: 8/9/2005

Owens Corning Medina Roofing Plant

Brian Thomas

890 W Smith Rd

Medina, OH 44256

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of \$ 75 will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Michael W. Ahern, Manager

Permit Issuance and Data Management Section

Division of Air Pollution Control

CC: USEPA

ARAQMD

**PUBLIC NOTICE**

**ISSUANCE OF DRAFT PERMIT TO INSTALL 16-01620 FOR AN AIR CONTAMINANT SOURCE FOR  
Owens Corning Medina Roofing Plant**

On 8/9/2005 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Owens Corning Medina Roofing Plant**, located at **890 W Smith Rd, Medina, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 16-01620:

**Storage tanks - administrative modification to PTI last modified on January 6, 1999 to remove Kb NSPS since requirement now exempt tank.**

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Lynn Malcolm, Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, OH 44308 [(330)375-2480]



**Permit To Install  
Terms and Conditions**

**Issue Date: To be entered upon final issuance  
Effective Date: To be entered upon final issuance**

**DRAFT MODIFICATION OF PERMIT TO INSTALL 16-01620**

Application Number: **16-01620**  
APS Premise Number: **1652050040**  
Permit Fee: **\$ To be entered upon final issuance**  
Name of Facility: **Owens Corning Medina Roofing Plant**  
Person to Contact: **Brian Thomas**  
Address: **890 W Smith Rd  
Medina, OH 44256**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**890 W Smith Rd  
Medina, OHIO**

Description of modification:  
**Storage tanks - administrative modification to PTI last modified on January 6, 1999 to remove Kb NSPS since requirement now exempt tank.**

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

**Owens Corning Medina Roofing Plant**  
**PTI Application: 16-01620**  
**Modification Issued: To be entered upon final issuance**

Facility ID: 1652050040

## **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.

**Owens Corning Medina Roofing Plant**  
**PTI Application: 16-01620**  
**Modification Issued: To be entered upon final issuance**

Facility ID: 1652050040

### **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.

6

**Owens Corning Medina Roofing Plant**

**PTI Application: 16-01620**

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Facility ID: **1652050040**

**Owens Corning Medina Roofing Plant**Facility ID: **1652050040****PTI Application: 16-01620****Modification Issued: To be entered upon final issuance**

<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 **Owens Corning Medina Roofing Plant** located in **MEDINA** 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.

<u>Ohio EPA Source Number</u>	<u>Source Identification</u>	<u>BAT Determination</u>
T006	100,000 gallon fixed roof solvent storage tank.	28,600 gallon fixed roof asphalt cutback storage tank (heated). Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit.
T010	28,600 gallon fixed roof solvent storage tank.	28,600 gallon fixed roof asphalt cutback storage tank (heated). Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit.
T011	100,000 gallon fixed roof asphalt cutback storage tank (heated).	28,600 gallon fixed roof asphalt cutback storage tank (heated). Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit.
T023	28,600 gallon fixed roof	Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees

**Owens Corning Medina Roofing Plant**  
**PTI Application: 16-01620**  
**Modification Issued: To be entered upon final issuance**

Facility ID: 1652050040

<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>
Fahrenhe it. Limited to storage of cutback asphalt only.	of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit. Limited to storage of cutback asphalt only.	(2.17 psia).		3745-21-09 (L) (2) 3745-15-06 3745-15-07
Submerg ed filling of tank and venting to a water cooled vapor condens er exit water temperat ure no greater than 87 degrees Fahrenhe it. Limited to storage of cutback asphalt only.	Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit. Limited to storage of cutback asphalt only.		Applicable Federal & <u>OAC Rules</u> 3745-31-05 3745-21-09 (L) (1) 3745-15-06 3745-15-07	3745-21-09 (L) (2) 3745-15-06 3745-15-07
Submerg ed filling of tank and venting to a water cooled vapor condens er exit water temperat ure no greater than 87 degrees Fahrenhe it. Limited to storage of cutback asphalt only.	Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit. Limited to storage of cutback asphalt only.		3745-31-05 3745-21-09 (L) (1) 3745-15-06 3745-15-07	3745-31-05 3745-15-06 3745-15-07 3745-21-09 (L)(2)
Submerg ed filling of tank and venting to a water cooled vapor condens er exit water temperat ure no greater than 87 degrees Fahrenhe it. Limited to storage of cutback asphalt only.	Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit. Limited to storage of liquids with a maximum true vapor pressure less than 15.0 kpa.		3745-31-05 3745-21-09 (L) (1) 3745-15-06 3745-15-07	3745-31-05 3745-15-06 3745-21-09 (L) (2) 3745-15-07
Submerg ed filling	Submerged filling of tank and venting to a water cooled vapor condenser exit water temperature no greater than 87 degrees Fahrenheit. Limited to storage of liquids with a maximum true vapor pressure less than 15.0 kpa.		3745-31-05	

**Owens Corning Medina Roofing Plant**  
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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>
				Permit Allowable Mass Emissions and/or Control/Usage Requirements
				0.34 ton per year OC
				1.79 tons per year OC
				0.20 ton per year OC
				1.12 tons per year OC
				0.66 ton per year OC
				2.38 tons per year OC
				2.80 tons per year OC

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

<u>Pollutant</u>	<u>Tons/Year</u>
OC	9.28

**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 **Akron Air Pollution Control, 177 South Broadway, Akron, OH 44308.**

**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 **Akron Air Pollution Control, 177 South Broadway, Akron, OH 44308.**

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.

**Owens Corning Medina Roofing Plant**  
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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.

### **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**

#### **A. Operational Restrictions for Emissions Units T006, T011**

1. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a maximum true vapor pressure greater than 1.52 pounds per square inch absolute.
2. All openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in the closed position at all times except when in actual use for tank gauging or sampling.

**Owens Corning Medina Roofing Plant**

Facility ID: **1652050040**

**PTI Application: 16-01620**

**Modification Issued: To be entered upon final issuance**

**B. Reporting and Recordkeeping Requirement for T006, T010, T011, T012, T013, T022 and T023.**

1. The permittee shall maintain records of the following information:
  - a. The types of petroleum liquids stored in the tank; and
  - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
2. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L) (1) of OAC rule 3745-21-09, the permittee shall notify the Director (Akron Air Pollution Control) within 30 days of becoming aware of the occurrence.