



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
MEDINA COUNTY
Application No: 16-01620

DATE: 9/20/2005

Owens Corning Medina Roofing Plant
Brian Thomas
890 W Smith Rd
Medina, OH 44256

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
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

ARAQMD



**Permit To Install
Terms and Conditions**

**Issue Date: 9/20/2005
Effective Date: 9/20/2005**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 16-01620

Application Number: **16-01620**
APS Premise Number: **1652050040**
Permit Fee: **\$75**
Name of Facility: **Owens Corning Medina Roofing Plant Thomas**
Person to Contact: **Brian**
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: 9/20/2005

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 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.

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.

SOURCE OPERATION AND OPERATING PERMIT REQUIREMENTS 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.

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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 **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>
T012		
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
T023	28,600 gallon fixed roof	Submerged filling of tank and venting to a water cooled vapor condenser exit water

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
temperat ure no greater than 87 degrees Fahrenheit. Limited to storage of cutback asphalt only.	to storage of condenser exit water cutback asphalt only.	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. (2.17 psia).	Applicable Federal & OAC Rules	3745-31-05 3745-21-09 (L) (2) 3745-15-06 3745-15-07
Submerg ed filling of tank and venting to a water cooled vapor condenser exit water temperat ure no greater than 87 degrees Fahrenheit. 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 & OAC Rules	3745-31-05 3745-21-09 (L) (2) 3745-15-06 3745-15-07
Submerg ed filling of tank and venting to a water cooled vapor condenser exit water temperat ure no greater than 87 degrees Fahrenheit. Limited to storage of cutback asphalt only.	Submerged filling of tank and venting to a water cooled vapor		Applicable Federal & OAC Rules	3745-31-05 3745-15-06 3745-21-09 (L) (2) 3745-15-07

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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>
				Permit Allowable Mass Emissions and/or Control/Usage Requirements
				1.79 tons per year OC
				0.34 ton per year OC
				1.12 tons per year OC
				0.20 ton per year OC
				2.38 tons per year OC
				0.66 ton 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.

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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.

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.

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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.

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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.