

Permit to Operate an Air Contaminant Source Terms and Conditions

Date of Issuance 11/14/86 Application Number 1652050101F004
Effective Date 11/14/86 Permit Fee \$500

This document constitutes issuance to: **MEDINA SUPPLY COMPANY**
820 W. SMITH ROAD
MEDINA OHIO 44256

of a permit to operate:
REX NORD MODEL 4050 CONCRETE BATCHING PLANT
MEDINA PLANT

The following terms and conditions are hereby expressly incorporated into this permit to operate:

Condition 1

The above described air contaminant source is now operating, and over the period covered by the permit will be operated, in full compliance with all applicable state and federal laws and regulations.

Condition 2

Prior to any physical change in, or change in the method of operation of, this air contaminant source which increases the amount of any air pollutant emitted, or results in the emission of any air pollutant not previously emitted, a permit to install must be granted by the Ohio Environmental Protection Agency (See Chapter 3745-31 of the Ohio Administrative Code).

Condition 3

The Director of the Ohio Environmental Protection Agency, or his authorized representative, may enter upon the premises of the source operation at any reasonable time and subject to safety requirements of the person in control of the premises for the purpose of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants and determining compliance with all applicable State and Federal air pollution laws and regulations and the terms and conditions of this permit.

Condition 4 (This condition applicable if checked:)

Upon declaration of an Air Pollution Alert, Warning or Emergency Episode this air contaminant source will follow those emission reduction procedures enumerated in the Emergency Action Plan approved by the Director for this source.

Condition 5

This permit to operate shall be effective until 11/14/89. You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to this agency.

Condition 6

A permit fee in the amount specified above must be remitted within fifteen (15) days of the effective date of this permit.

Condition 7

Any transferee of this permit shall, personally, assume the responsibilities of the original permit holder-transferor. The Ohio EPA must be notified in writing of any transfer of this permit.

Condition 8 (This condition is applicable if checked:)

This permit is subject to the supplementary conditions attached.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

APPLICATION NUMBER: 1652050101 F004
 FACILITY NAME: Medina Supply Company
 EQUIPMENT DESCRIPTION: Rex Nord Model 4050 Concrete Batching Plant
 COMPANY ID: Medina Plant

SPECIAL TERMS AND CONDITIONS

- 1) The specific operation(s), equipment and/or property which constitute the air contaminant source and which are covered by this permit are listed in the following table along with the applicable rule(s) of the Ohio Administrative Code:

<u>Operation(s), Equipment and/or Property</u>	<u>Applicable Rule(s)</u>
Transfer of sand and aggregate to elevated storage bins.	OAC 3745-17-08 (B)(6)
Cement unloading to elevated storage silos and silo vents.	OAC 3745-17-08 (B)(3)
Weigh hopper loading of cement.	OAC 3745-17-08 (B)(3)
Weigh hopper loading of sand and aggregate.	OAC 3745-17-08 (B)(6)
Transfer of sand and aggregate to the transit-mix truck feed hopper.	OAC 3745-17-08 (B)(6)
Loading of transit-mix trucks.	OAC 3745-17-08 (B)(3) & OAC 3745-17-08 (B)(6)

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

- 2) The allowable mass emission limitation(s) and/or control requirements for the operation(s), equipment and/or property identified above are specified in the following table:

<u>Operation(s), Equipment and/or Property</u>	<u>Allowable Mass Emission Limitation(s) and/or Control Requirements</u>
Transfer of sand and aggregate to elevated storage bins.	The drop height of the front-end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the conveyor loading area.

2) Continued -

<u>Operation(s), Equipment and/or Property</u>	<u>Allowable Mass Emission Limitation(s) and/or Control Requirements</u>
Cement unloading to elevated storage silos and silo vents.	The sand and aggregate loaded into the elevated bins shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyor and transfer point to bins.
Weigh hopper loading of cement.	The silo vents shall be adequately enclosed and vented to fabric filters; the enclosures shall be sufficient to eliminate visible emissions of fugitive dust at the points of capture and there shall be no visible emissions from the fabric filter outlets.
Weigh hopper loading of sand and aggregate.	The cement weigh hopper shall be enclosed (to contain fugitive dust emissions from the transfer of cement). Weigh hopper vents shall be enclosed and vented to a fabric filter.
Transfer of sand and aggregate to the transit-mix truck feed hopper.	The sand and aggregate shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the transfer point to the weigh hopper.
Loading of transit-mix trucks.	The sand and aggregate shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyor and transfer points.
	A choke feed system shall be used to load the transit-mix trucks. The system shall be operated in a manner which minimizes or eliminates visible emissions of fugitive dust from the truck openings to the extent possible with good engineering design.
3) This source and its associated air pollution control system 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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3) Continued -

Any malfunction of this source or its associated air pollution control system shall be reported immediately to the Akron Regional Air Quality Management District in accordance with OAC rule 3745-15-06.

Except as provided by OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of the air pollution control equipment shall be accompanied by the shutdown of this source.

PREPARED BY: Frank J. Markunas

DATE PREPARED: 8/2/86