

**PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE**

Date of Issuance 03/03/95

Application No. 1741150228F004

Effective Date 03/03/95

Permit Fee \$000

This document constitutes issuance to:

ARROW CONCRETE  
1088 LABELLE AVE.  
STEOBENVILLE

OHIO 43952

of a permit to operate for:

WEIGH BATCH AND TRANSIT LOADING  
READY-MIX CONCRETE BATCH PLANT

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

1. This permit to operate shall be effective until 03/03/98  
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 the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:

NORTH OHIO VALLEY AIR AUTHORITY  
814 ADAMS ST.  
STEOBENVILLE, OH 43952 (614) 232-3908/3303

10.  If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

*Donald R. Scheyardus*

Director

APPLICATION NUMBER: 1741150228 F004

FACILITY NAME: Arrow Concrete Co.

EQUIPMENT DESCRIPTION: Weigh Batch and Transit Loading

COMPANY ID: Ready-Mix Concrete Batch Plant

**SPECIAL TERMS AND CONDITIONS**

**1. Applicable Regulation(s)**

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) (OAC 3745-)</u>
Weigh Hopper and Transit Mix Truck Loading Systems	17-08(B) & 31-05

**2. Allowable Mass Emission Limitation(s) and/or Control Requirements**

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>
Weigh Hopper Loading System	Minimize or eliminate fugitive dust. The weigh hopper enclosure shall be sufficient to minimize or eliminate at all times the visible emission of fugitive dust at the points of capture so that visible particulate emission do not exceed ten percent opacity as a three-minute average as determined by Method 9 of 40 CFR Part 60. The fabric filter shall achieve an outlet emission

rate of not greater than 0.010 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet as determined by Method 9 of 40 CFR part 60. whichever is less stringent.

Transit Mix Truck Loading

Minimize or eliminate fugitive dust. Visible particulate emissions shall not exceed ten percent opacity as a three-minute average as determined by method nine of 40 CFR Part 60.

**3. Weigh-Hopper Loading of Cement, Sand and Aggregate**

The weigh-hopper shall be adequately enclosed. The enclosure shall be sufficient so as to eliminate at all times visible emission of fugitive dust. There shall be no visible emissions from the weigh-hopper.

The aggregate and sand to be loaded into the weigh-hopper and the conveyor shall have a moisture content sufficient so as to minimize or eliminate at all times visible emissions of fugitive dust. The transfer conveyor discharge shall be enclosed and vented to the fabric filter. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust at the point of capture. The enclosure shall be vented to fabric filter which shall achieve an outlet emission rate of not greater than 0.010 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emission from the outlet, whichever is less stringent.

**4. Loading Transit Mix Truck**

Arrow Concrete Co. shall maintain and employ an adequate three sided truck loading enclosure and a rubber boot of sufficient length for loading the transit mix truck in order to minimize or eliminate at all times fugitive dust.

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If the opacity requirement cannot be met, applicant shall install hooding, capture the particulate emissions and exhaust them to a fabric filter. Particulate emissions from the fabric filter exhaust shall be limited to 0.01 grains per dry standard cubic foot of exhaust gases. Alternate control measures shall be subject to the approval of the Ohio EPA.

PREPARED BY: David W. Boltz

DATE PREPARED: November 21, 1994