



OAQ SOURCE SPECIFIC OPERATING AGREEMENT
OA-09: Ready-Mix Concrete Batch Plants
(326 IAC 2-9-9)

State Form 53446 (R / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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NOTES:

- The purpose of this form is to identify all of the source specific operating agreement requirements for 326 IAC 2-9-9.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- Rule specific definitions are listed in 326 IAC 2-9-9(a) for aggregate, aggregate transfer, cement, concrete, and ready-mix concrete batch plant.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

Part A: Source Description

Part A identifies the source and describes the nature, design capacity, and typical operating schedule of the source.

1. Source Description:	
2. Particulate Matter Emissions:	Including fugitive sources: _____ tons per year
3. Sourcewide Design Capacity (specify units of measure):	
4. Operation Schedule:	_____ hours per day _____ days per week _____ weeks per year

Part B: Operating Agreement

Part B certifies that the operation qualifies for the source specific operating agreement.

5. Operating Agreement

I have reviewed the requirements under 326 IAC 2-9 and have determined that the proposed operation qualifies for a source specific operating agreement (SSOA) under this rule.

 Name (typed) Title

 Signature Date (month, day, year)

Part C: Compliance Details

Part C identifies the obligations for compliance with the requirements of 326 IAC 2-9-9.

I will comply with the requirements of 326 IAC 2-9-9 by carrying out the following set of requirements.

Process Limitation: 326 IAC 2-9-9(b) (1), (6), and (8)

- Production shall be limited to three hundred thousand (300,000) cubic yards annually.
- Cement transferring operations shall always be enclosed.
- Fugitive particulate emissions at a ready-mix concrete batch plant shall not escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, pursuant to 326 IAC 6-4.

Emission Control Requirements: 326 IAC 2-9-9(b) (3) and (4)

- Fugitive particulate emissions from cement and aggregate silos shall be controlled by operating dust collectors, such that visible emissions do not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9*.
- Fugitive particulate emissions shall be controlled by applying water on aggregate storage piles, unpaved roadways, and aggregate transfer operations on an as needed basis such that the following visible emission conditions are met:
 - (A) Visible emissions from storage piles shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9*, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but not more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
 - (B) Visible emissions from unpaved roads shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
 - (i) The first shall be taken at the time of emission generation.
 - (ii) The second shall be taken five (5) seconds after the first.
 - (iii) The third shall be taken five (5) seconds after the second or ten (10) seconds after the first.The three (3) readings shall be taken at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but not more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
 - (C) Visible emissions from aggregate transferring operations shall not exceed an average instantaneous opacity of twenty percent (20%). The average instantaneous opacity shall be the average of three (3) opacity readings taken five (5) seconds, ten (10) seconds, and fifteen (15) seconds after the end of one (1) material loading or unloading operation. The three (3) readings shall be taken at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

Monitoring Requirements: 326 IAC 2-9-9(b)(5)

All manufacturing equipment that generates particulate emissions and control devices shall be operated and maintained at all times of plant operation in such a manner as to meet the requirements of this rule.

Record Keeping Requirements: 326 IAC 2-9-9(b) (2) and (7)

- Each source shall maintain records of annual production at the site on a calendar year basis.
- Each source shall maintain records on the types of air pollution control devices used at the source and the operation and maintenance manuals for those devices.