

**Department of Natural Resources and Environmental Control  
Division of Air Quality  
PERMIT APPLICATION**

**AQM-1001F**

**CONCRETE, ASPHALT, AGRREGATE,  
FEED, FLOUR & GRAIN**

1. a. Company Name:

b. Source Location:

c. Date of Installation:

2. Type of Operation: Concrete

3. Operating Schedule: hours/day days/week weeks/year

Indicate Percent of Annual Throughput:

Dec. – Feb.: % Mar. – May: % Jun. – Aug.: % Sep. – Nov.: %

4. Paved Haul Road Length:

Unpaved Haul Road Length:

Describe Type of Air Pollution Control:

Depending on the type of operation (as checked in Item 2), complete the appropriate Section. Also, attach a flow diagram showing all the emission points, using the numbers on this form, where applicable.

**SECTION I.**

**CONCRETE PLANT, ONLY**

**MANUFACTURER or Description:**

5. Production rate of concrete:

Hourly Maximum: cubic yards/hour Maximum Annual Throughput: cubic yards/hour

6. Maximum Rate of Silo Loading: tons/hour

(NOTE: Where the loading rate is not known, a maximum value of 30 tons/hour will be used for calculation purposes).

7. Specify the type of air pollution control equipment for each emissions unit:

<b>Emission Point No.</b>	<b>Operation</b>	<b>Control Equipment*</b>	<b>Estimated Efficiency</b>	<b>Cost of Controls</b>
	Cement (and Fly Ash) Silo Loading			
	Weigh Hopper			
	Truck Load-Out			
	Aggregate Handling, Stockpiles and Yard Area			
	Others ( <i>specify</i> )			

\*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

8. Describe briefly the disposal of particulates collected in the baghouse and/or other wastes generated at the plant site:

<b>SECTION II</b>	<b>ASPHALT PLANT, ONLY</b>	<b>Manufacturer or Description:</b>
-------------------	----------------------------	-------------------------------------

9. Asphalt Production:

Maximum tons/hour: \_\_\_\_\_ Maximum Annual Output: \_\_\_\_\_

Plant Type:       Stationary  
 Portable  
 Batch  
 Continuous  
 Drum Mix

If Recycled Asphalt Product (RAP) is used, attach a separate sheet and provide details, e.g., quantity, percentage

10. Aggregate Dryer Information:

A. Type of Fuel:  
 Gas  
 Oil: Grade No.: \_\_\_\_\_, Sulfur: \_\_\_\_\_ % w/w  
 Other (specify): \_\_\_\_\_

B. Maximum Annual Fuel Consumption (specify units): \_\_\_\_\_

C. Burner Model and Manufacturer: \_\_\_\_\_

D. Maximum Firing Rate: \_\_\_\_\_ BTU/hour

12. Indicate the type of Air Pollution Control equipment and efficiency for the various emission units:

SOURCE	CONTROL EQUIPMENT*	ESTIMATED EFFICIENCY	COST OF CONTROL EQUIPMENT
Dryer Model	Primary: Secondary:		
Aggregate Stockpiles			

\*Complete the details on AQM01001K, Air Pollution Equipment, and submit documents to substantiate efficiency

13. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site:

<b>SECTION III</b>	<b>AGGREGATE CRUSHING PLANT, ONLY</b>	<b>Manufacturer or Description:</b>
--------------------	---------------------------------------	-------------------------------------

14.

EMISSION UNIT NUMBER	EMISSION UNIT	THROUGHPUT		CONTROL* EQUIPMENT	CONTROL* EFFICIENCY	COST OF CONTROL EQUIPMENT
		MAXIMUM ANNUAL TONS/YEAR	MAXIMUM RATED TONS/HOUR			
	Receiving Hopper					
	Primary Crusher(s) Model & Size:					
	Secondary Crusher(s) Model & Size:					
	Tertiary Crusher(s) Model & Size:					
	Fines Mill(s) Model & Size:					
	Screen(s) Model & Size:					
	Conveyer Transfer Point(s)					
	Stock Pile(s)					
	Other(s)					

\*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

15. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site:

<b>SECTION IV</b>	<b>FEED, FLOUR, AND GRAIN OPERATIONS, ONLY</b>	<b>Manufacturer or Description:</b>
-------------------	--	-------------------------------------

16.

EMISSION UNIT NUMBER	EMISSION UNIT	THROUGHPUT		CONTROL* EQUIPMENT	CONTROL* EFFICIENCY	COST OF CONTROL EQUIPMENT
		MAXIMUM ANNUAL TONS/YEAR	MAXIMUM RATED TONS/HOUR			
	Dryer(s): Rack or Column <i>(specify)</i> :					
	Receiving: Truck or Rail <i>(specify)</i> :					
	Headhouse(s)					
	Screening or Cleaning					
	Roll Mill(s)					
	Feed Mixer(s)					
	Pellet Mill(s)					
	Pellet Cooler(s)					
	Grinder(s)					
	Hammer Mill Cyclone(s)					
	Load Out: Truck, Rail or Barge <i>(specify)</i> :					
	Other(s)					

\*Complete the details on AQM-1001K, Air Pollution Equipment, and submit documents to substantiate efficiency.

15. Describe briefly the disposal of particulates collected in the baghouses and/or other wastes generated at the plant site: