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| **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:  |
| 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: |
| **Emission Point No.** | **Operation** | **Control Equipment\*** | **Estimated Efficiency** | **Cost of Controls** |
|       | Cement (and Fly Ash) Silo Loading |       |       |       |
|       | Weigh Hopper |       |       |       |
|       | Truck Load-Out |       |       |       |
|       | Aggregate Handing, Stockpiles and Yard Area |       |       |       |
|       | Others (*specify*) |       |       |       |
| \*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:       |

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| **AQM-1001F** |
| ***(Continued)*** |
| **SECTION II** | **ASPHALT PLANT, ONLY** | **Manufacturer *or Description*:**  |
| 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 |       |       |       |
|       |       |       |       |
|       |       |       |       |
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|       |       |       |       |
| \*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:       |

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| **AQM-1001F** |
| ***(Continued)*** |
| **SECTION III** | **AGGREGATE CRUSHING PLANT, ONLY** | **Manufacturer *or Description*:**  |

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| **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:       |

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| **AQM-1001F** |
| ***(Continued)*** |
| **SECTION IV** | **FEED, FLOUR, AND GRAIN OPERATIONS, ONLY** | **Manufacturer *or Description*:**  |

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| **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 *(specify)*:      |       |       |       |       |       |
|       | Receiving:      Truck or Rail *(specify)*:      |       |       |       |       |       |
|       | 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 (specify):       |       |       |       |       |       |
|       | 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:       |

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