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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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