| **FORM 5** | **MDEQ** | **MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY APPLICATION FOR AIR POLLUTION CONTROL PERMIT** |
| --- | --- | --- |
| **Asphalt Plants** | **Section K** |
| **1.** | **Emission Point Description** |
|  |  |  |
|  | A. | Emission Point Designation (Ref. No.): |       |  |
|  |  |  |
|  | B. | Process Description:       |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | C. | Manufacturer: |       |  |  |
|  |  |  |
|  | D. | Make: |       | E. | Model: |       |  |
|  |  |  |
|  | F. | Status: | [ ]  | Operating | [ ]  | Proposed | [ ]  | Under Construction |
|  |  |  |
|  | G. | Operating Schedule (Actual): |       | hr/day |       | days/week |       | weeks/yr |
|  |  |  |
|  | H. | Date of construction, reconstruction, or most recent modification (for existing sources) or date of anticipated construction: |       |  |
|  |  |  |
| **2.** | **Asphalt Plant Data** |
|  |  |  |
|  | A. | Type of Plant: |
|  |  |  |
|  |  | [ ]  | Batch | [ ]  | Continuous | [ ]  | Drum |  |
|  |  |  |
|  | B. | Production: |
|  |  |  |
|  |  | 1.  | Maximum Dryer Capacity: |       | tons/hr |
|  |  | 2. | Normal Maximum Rate: |       | tons/hr |
|  |  | 3. | Annual Rate: |       | tons/yr |
|  |  |  |
|  | C. | Dryer: |
|  |  | 1. | Length: |       | feet | 2. | Diameter: |       | feet |
|  |  |  |
|  | D. | Rock Crusher or Recycled Asphalt Pavement (RAP) Crusher |
|  |  | *List the capacity and date of construction for each crusher, screener, & conveyor:* |
|  |  | Type of Device | Date of Construction | Maximum Annual Capacity (tons/yr) |  |
|  |  |       |       |       |  |
|  |  |       |       |       |  |
|  |  |       |       |       |  |
|  |  |       |       |       |  |
|  |  |       |       |       |  |
|  |  |       |       |       |  |
|  |
| **3.** | **Burner Data** |
|  |  |  |
|  | A.  | Manufacturer: |       | B. | Make: |       |  |
|  |  |  |
|  | C. | Model: |       | D. | Maximum Rated Capacity: |       | MMBtu/hr |
|  |  |  |
|  | E. | Primary Fuel: |
|  |  | 1. | Type:  | [ ]  | Gas | [ ]  | Oil | [ ]  | Other: |       |  |
|  |  | 2. | Consumption: |
|  |  |  | a. | Gas: |       | ft3/hr |
|  |  |  | b. | Oil: |       | gal/hr |
|  |  |  | c. | Other (specify units): |       |  |
|  |  | 3. | Heat Value: |
|  |  |  | a. | Gas: |       | BTU/ft3 |
|  |  |  | b. | Oil: |       | BTU/gal |
|  |  |  | c. | Other (specify units): |       |  |
|  |  | 4. | Sulfur Content: |       | % sulfur |
|  |  | 5. | Ash Content: |       | % ash |
|  |  | 6. | Density of Fuel Oil: |       | lb/gal |
|  |  |  |
|  | F. | Auxiliary Fuel: |
|  |  | 1. | Type:  | [ ]  | Gas | [ ]  | Oil | [ ]  | Other: |       |  |
|  |  | 2. | Consumption: |
|  |  |  | a. | Gas: |       | ft3/hr |
|  |  |  | b. | Oil: |       | gal/hr |
|  |  |  | c. | Other (specify units): |       |  |
|  |  | 3. | Heat Value: |
|  |  |  | a. | Gas: |       | BTU/ft3 |
|  |  |  | b. | Oil: |       | BTU/gal |
|  |  |  | c. | Other (specify units): |       |  |
|  |  | 4. | Sulfur Content: |       | % sulfur |
|  |  | 5. | Ash Content |       | % ash |
|  |  | 6. | Density of Fuel Oil: |       | lb/gal |
|  |  |  |
| **4.** | **Miscellaneous Information:** |
|  |  |
|  | A. | Does this asphalt plant have air pollution control equipment? | [ ]  | Yes | [ ]  | No |
|  |  | *If yes, complete the applicable Air Pollution Control data sheet in Section L.* |
|  | B. | Are the shaker screens hooded and vented to the emission control system? | [ ]  | Yes | [ ]  | No |
|  |  |  |
|  | C. | Are the hot elevator and bins vented to the air emission control system? | [ ]  | Yes | [ ]  | No |
|  |  |  |
|  | D. | If the facility operates a lime silo, does it vent to the main baghouse or have its own control |  |
|  |  | device? | [ ]  | Yes | [ ]  | No | [ ]  | Not applicable |
|  | E. | Are in plant roads: |
|  |  | [ ]  | Water-sprinkled | [ ]  | Oiled | [ ]  | Paved | [ ]  | Other: |       |  |
|  |  |