

**ACTIVITY-SPECIFIC FORM FOR  
OPERATION OF AN ASPHALT MANUFACTURING PLANT**

- This form must be submitted with the general Application for an Air Emissions Permit
- One form must be completed for each asphalt plant operated by the applicant.
- Additional information may be required upon receipt of this application

**PLEASE READ CAREFULLY AND FILL OUT ALL SECTIONS**

**PART 1.0 - GENERAL INFORMATION**

1. Is the plant:     Stationary     Mobile

2. Type of plant:

- Batch Mix                       Continuous Drum Mix                       Parallel Drum Mix  
 Counterflow Drum Mix     Other (specify) \_\_\_\_\_

3. Make and model of plant:

\_\_\_\_\_

\_\_\_\_\_

4. Is the plant:     As original     Rebuilt/modified

If rebuilt, please provide details on any modifications below or as an attachment.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Is the plant:     New                       Existing

6. For new plants, provide an estimate of the amount (in tonnes) of asphalt expected to be produced by the plant annually.

\_\_\_\_\_

\_\_\_\_\_

7. For existing plants, provide the average amount of asphalt (in tonnes) produced annually over the last 3 years.

Year 1	
Year 2	
Year 3	
Average	

8. What is the maximum plant production rate in tonnes per hour?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PART 2 - FUEL BURNING EQUIPMENT AND DATA**

**9. Equipment and fuel details:**

*Include all combustion equipment, eg: aggregate dryer, hot oil/asphalt cement heater, asphalt silo heater*

Combustion Source	Max. Rated Capacity (MBtu)	Primary Fuel Type	Primary Fuel Max. Sulfur Content (% wt.)	Secondary Fuel Type	Secondary Fuel Max. Sulfur Content (% wt.)

**PART 3 - EMISSIONS CONTROL EQUIPMENT**

**10. What type of dryer emission control equipment will be used?**

- Baghouse    Scrubber    Cyclone    Other

**11. Provide details on the dryer emissions control equipment including (as an attachment) manufacturer's specifications, diagrams and pictures.**

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**12. What type of emission control equipment will be used for the following fugitive emission sources?**

Source/Process/Operation	Control Equipment
Conveyors	<input type="checkbox"/> Scrubber <input type="checkbox"/> Enclosure <input type="checkbox"/> Hood <input type="checkbox"/> Curtain <input type="checkbox"/> Fabric Filter <input type="checkbox"/> Cyclone <input type="checkbox"/> None <input type="checkbox"/> Other: _____
Screening Process	<input type="checkbox"/> Scrubber <input type="checkbox"/> Enclosure <input type="checkbox"/> Hood <input type="checkbox"/> Curtain <input type="checkbox"/> Fabric Filter <input type="checkbox"/> Cyclone <input type="checkbox"/> None <input type="checkbox"/> Other: _____
Truck Loading	<input type="checkbox"/> Scrubber <input type="checkbox"/> Enclosure <input type="checkbox"/> Hood <input type="checkbox"/> Curtain <input type="checkbox"/> Fabric Filter <input type="checkbox"/> Cyclone <input type="checkbox"/> None <input type="checkbox"/> Other: _____
Other: _____	<input type="checkbox"/> Scrubber <input type="checkbox"/> Enclosure <input type="checkbox"/> Hood <input type="checkbox"/> Curtain <input type="checkbox"/> Fabric Filter <input type="checkbox"/> Cyclone <input type="checkbox"/> None <input type="checkbox"/> Other: _____

**13. Provide details on the fugitive emissions control equipment that you checked off above including (as an attachment) manufacturer's specifications, diagrams and pictures.**

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This information is being collected under the authority of section 11 of the *Air Emissions Regulation*, section 9 of the *Solid Waste Regulations* and/or section 9 of the *Special Waste Regulations*. For further information, contact the Environmental Programs Branch at (867) 667-5683 or toll free at 1-800-661-0408 extension 5683.