



STATE OF WYOMING
Department of Environmental Quality
Air Quality Division
WAQS&R Chapter 6, Section 2 Permit Application
Hot Mix Asphalt Plant
Equipment Information 1

**PLANT TYPE**

Batch Mix Plant Parallel Flow Drum Mix Counter Flow Drum Mix

Manufacturer: _____ Model: _____

Maximum Plant Design Rate: _____ tons per hour (tph)

Actual Plant Throughput: _____ tons per hour (tph)

Will this plant process recycled asphalt? no yes Maximum Percent RAP: _____ %

Number of conveyor transfer and drop points: _____

DRYER INFORMATION

Maximum Burner Design Rate: _____ MMBtu/hr

Burner Fuel: Diesel* Propane Waste Oil*

(check all that apply) Natural Gas Coal * Other (Specify) * _____

* Include fuel analysis

Fuel Consumption: _____ (specify units)

Fuel Gas Heating Value: _____ (specify units)

Control Equipment:

Baghouse Scrubber Other (Specify): _____

PLANT STACK INFORMATION

Stack Height: _____ feet from grade Stack Diameter (Circular Stack): _____ feet

Stack Temperature: _____ °F Stack Dimensions (Square Stack): _____ feet wide

Stack Volumetric Flow: _____ ACFM* _____ feet deep

_____ DSCFM** Stack Water Content: _____ % H₂O

Stack Velocity: _____ feet per minute

* ACFM = Actual Cubic Feet per Minute

** DSCFM = Dry Standard Cubic Feet per Minute



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SOURCE CONTROL Sources will be controlled as follows:

	No Control	Water Spray	Dust Collector	Other (explain)
Aggregate Storage and Transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conveyor Feed to Drum (Transfer Points)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lime Silo Filling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drum Mixing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Silo Filling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Truck Loadout from Silo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

POWER SOURCE Line Power Generator *

***If using generator, submit Generator Information.**

GENERATOR INFORMATION

Manufacturer: _____ Model #: _____ Serial #: _____
 Year: _____ Site Horsepower Rating: _____ Annual Operating Hours: _____
 Fuel Type:
 Natural Gas LP Gas Diesel Gasoline
 Fuel Consumption (specify units): _____ Fuel Sulfur Content (specify units): _____

<u>Emissions Data:</u>			<u>Emissions Control:</u>	
	g/hp-hr	lb/hr	tpy	
NO _x	_____	_____	_____	Lean Burn <input type="checkbox"/>
CO	_____	_____	_____	AFRC <input type="checkbox"/>
VOC	_____	_____	_____	NSCR <input type="checkbox"/>
PM10	_____	_____	_____	SCR <input type="checkbox"/>
SO _x	_____	_____	_____	Tier I Certified <input type="checkbox"/>
				Tier II Certified <input type="checkbox"/>
				Tier III Certified <input type="checkbox"/>
				Other (Describe) <input type="checkbox"/>

(Use additional Generator Information Forms if using more than one generator)

ADDITIONAL INFORMATION

Please use the following hierarchy for determining emissions from generators.

- Emission rates in g/hp-hr based on manufacturer's information: Provide a copy of the manufacturer's information with the application.**
- Emission rates in g/hp-hr based on actual test data: Provide a copy of the test report with the application.**
- Emission factors: Documentation from the manufacturer must be provided with the application stating no emission factors are available for the generator before the Division will accept other emission factors such as AP-42.**

