



**Texas Commission on Environmental Quality**

**Table 22**

**Hot Mix Asphalt Plants**

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*Note: Tables, checklists and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) Web site at [www.tceq.texas.gov/permitting/air/nav/forms\\_index.html](http://www.tceq.texas.gov/permitting/air/nav/forms_index.html).*

Company Name:			
Plant ID or Name:			
<b>Plant Data:</b>			
Manufacturer:		Year Manufactured:	
Model No.:		Serial No.:	
<b>Basic Plant Design:</b>			
<input type="checkbox"/> Drum Mix	<input type="checkbox"/> Pugmill Batch Mix		<input type="checkbox"/> Pugmill/Continuous Mix
Check all the features that apply to the plant			
<input type="checkbox"/> Parallel Flow	<input type="checkbox"/> Counter Flow		<input type="checkbox"/> Drum within a Drum
<input type="checkbox"/> Precombustion Chamber		<input type="checkbox"/> Recycle Collar	
What type of abatement device is used at the plant?			
<input type="checkbox"/> Fabric Filter (If checked, attach a completed Table 11 entitled, "Fabric Filters.")			
<input type="checkbox"/> Wet Scrubber (If checked, attach a completed Table 13 entitled, "Scrubber or Wet Washers.")			
<input type="checkbox"/> High Efficiency Cyclone (If checked, attach a completed Table 10 entitled, "Cyclone Separators.")			
<input type="checkbox"/> Other:			
Check the equipment that is vented to the abatement device:			
<input type="checkbox"/> Drum/Dryer	<input type="checkbox"/> Hot Elevators		<input type="checkbox"/> Weigh Hopper / Mixer
<input type="checkbox"/> Shaker Screens	<input type="checkbox"/> Hot Aggregate Bins		<input type="checkbox"/> Fines Silo <input type="checkbox"/> Lime Silo
<input type="checkbox"/> Other:			
<b>Maximum Operations:</b>			
<b>hours/day</b>	<b>days/week</b>	<b>weeks/year</b>	<b>hours/year</b>
Does this facility operate at night?			<input type="checkbox"/> YES <input type="checkbox"/> NO

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Mix Information Mix Type	Maximum % of AC in Mix	Average % of AC in Mix	Max ton/hr Production	Max ton/yr Production	Max Mix Temperature (° F)	Asphalt Volatility
Performance Grade:						
Performance Grade:						
Other:						
Other:						
Rapid Cure:						
Medium Cure:						
Slow Cure:						
Emulsions:						
Asphalt Rubber:						
Other:						
Is there cold mix stored on the site?				<input type="checkbox"/> YES <input type="checkbox"/> NO		
If "YES," complete the following questions.						
How much:						
How long is it stored:						
How is it stored:						
Aggregate Stockpile Area:			acres (washed)	acres (unwashed)		
What is the aggregate material moisture content?				%		
Will the stockpiles be sprinkled with water?				<input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>Additives:</b>						
Check all that are used and attach a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS):						
<input type="checkbox"/> Hydrated Lime (Dry) <i>(If checked attach a complete Table 11)</i>				Maximum_____ %	per ton_____	
<input type="checkbox"/> Hydrated Lime (Slurry) <i>(If checked attach a completed Table 11)</i>				Maximum_____ %	per ton_____	
<input type="checkbox"/> Liquid Amine Anti-strip Agents				Maximum_____ %	per ton_____	
<input type="checkbox"/> Styrene Butadiene Styrene (SBS)				Maximum_____ %	per ton_____	

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<b>Additives:</b> <i>(continued)</i>					
Check all that are used and attach a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS):					
<input type="checkbox"/> Styrene Butadiene Rubberized (SBR) Latex	Maximum _____ %	per ton _____			
<input type="checkbox"/> Recycled Rubber	Maximum _____ %	per ton _____			
<input type="checkbox"/> Recycled Asphalt Products (RAP)	Maximum _____ %	per ton _____			
<input type="checkbox"/> Other: _____	Maximum _____ %	per ton _____			
<input type="checkbox"/> Other: _____	Maximum _____ %	per ton _____			
<b>Fuel Information:</b>					
Provide information on all the fuels used.					
<i>Note: Provide an analysis of the fuel that lists and quantifies all constituents of the fuel.</i>					
Type of Fuel	Sulfur Content	Consumption			
		CFM	GPM	CF/YR	GAL/YR
Natural Gas	_____ pipeline sweet				
Liquid Petroleum Gas	_____ % by weight				
No. 2 Fuel Oil (First Run)	_____ % by weight				
No. _____ Fuel Oil (First Run)	_____ % by weight				
Waste-Blended Fuel Oil	_____ % by weight				

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<b>Plant Traffic and Roads:</b>									
Please provide the following information for all vehicles which travel on the plant property.									
Vehicle Type	Speed	Weight (tons)			Number of Wheels	Distance Traveled per Round Trip (miles)		Estimated Number of Trips	
		Empty	Full	Average		Paved	Unpaved	Per Week	Per Year
Raw Aggregate									
Front-end Loaders									
Liquid Asphalt									
Fuel Tanker									
Additives									
Hot Mix Trucks									
Other									
Is there a RAP crusher or lump breaker on site?					<input type="checkbox"/> YES <input type="checkbox"/> NO				
If "YES," answer the following.									
Capacity: _____ ton/hr			Horsepower Rating: _____			Year Manufactured: _____			
<b>Drum/Dryer Stack Parameters:</b>									
Distance from the nearest property line: _____ ft.					Stack Flow Rate: _____ acfm				
Physical Stack Height: _____ ft.					Stack Exit Temperature: _____ ° F				
Internal Stack Diameter (if circular): _____ ft.					Internal Stack Dimensions: _____ ft. x _____ ft. (if noncircular)				

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<b>Oil Heater Information:</b>				
Fuel Type:		Stack Height:		Stack Diameter:
Consumption:				
CFM	GPM		CF/YR	GAL/YR
<b>Silo Information</b>		<b>Capacity (tons)</b>		<b>Elevation (feet) (Grade to Top)</b>
Hot Mix				
Hot Mix				
Hot Mix				
Surge Bin				
Fines				
Lime				
What is the number of truck loadouts?				
What is the elevation of loadouts from grade?				feet
What is the temperature of the mix loading into the silo?				°F
What is the temperature of the mix loading into the truck?				°F
<b>Storage Tank Information:</b>				
<b>Content</b>		<b>Size (Gallons)</b>		<b>Number of Turnovers/Year</b>
Liquid AC				
Liquid AC				
Liquid AC				
Diesel				
Anti-Strip				
If this is a portable plant, is there a generator or engine on site?				<input type="checkbox"/> YES <input type="checkbox"/> NO
If "YES," attach a completed Table 29 entitled, "Reciprocating Engines," and answer the following questions.				
Make and Model:				
Fuel Type:			Sulfur Content:	
Distance to nearest property line:			Annual Hours of Operation:	
Maximum Rated Horsepower:			NOx Rating (specify units):	