



**Siskiyou County Air Pollution Control District
Supplemental Application Form**

Asphalt Plants

This form must be accompanied by a completed ATC/PTO form

PERMIT TO BE ISSUED TO:
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:

EQUIPMENT DESCRIPTION

Asphalt Plant Data	Manufacturer (if applicable):	
	Model Number (if applicable):	
	Maximum Rated Horsepower of all electric motors: _____ hp	
	Is the operation powered by an internal combustion engine? [] No [] Yes	
Feeder Silo(s) Data	Total Number of Silos: ____	Volume of each silo: _____ gal or ft ³ (circle one)
Drum Dryer control	(Baghouse/Dust Collector, etc.)	

ASPHALT PLANT DATA

Maximum Plant Throughput	_____ ton/hr	_____ ton/day	_____ ton/project
Purposed Daily Throughput	_____ ton/hr	_____ ton/day	_____ ton/project
Does the plant use a Pugmill	[] Yes [] No		
How many Asphalt silo(s)?	[] 1 [] 2 [] 3 [] 4+		
Does the Asphalt silo vent to atmosphere or the baghouse			
Asphalt oil MSDS	Attach with Application		
Fuel type used to dry aggregate: [Diesel, Propane]			
Gallons of Diesel burned	_____ gal/hr	_____ gals/day	

GENERATOR DATA (if applicable)

Generator Make/Model/hp/kW		
Generator Make/Model/hp/kW		
Generator Make/Model/hp/kW		
Generator Make/Model/hp/kW		
Generator Make/Model/hp/kW		

EMISSION DESCRIPTION

Attach emission data for all the Generator/s. This would include source test data on the Generator	Attach with Application	
Attach emission data for the Asphalt Plant. This would include any source test data	Attach with Application	

PLANT LAYOUT DESCRIPTION

Total Area of Unpaved Roads within the Plant	Area: _____ acre or ft ² (circle one)	Type of control: <input type="checkbox"/> Water <input type="checkbox"/> Oil/Dust Palliate <input type="checkbox"/> Other (please specify):
Total Area of Aggregate Piles within the Plant	Area: _____ acre or ft ² (circle one)	Type of control: <input type="checkbox"/> Water <input type="checkbox"/> Physical Covering <input type="checkbox"/> Retaining Walls <input type="checkbox"/> Other (please specify):
Provide an Equipment Listing, Site Plan, and Material Flow Chart (on a separate sheet of paper)	a) Provide an equipment listing to include the manufacturer and model number of all major components. b) Provide a typical Site Plan for a maximum throughput scenario (include all process, control, and transfer equipment). c) Provide a Material Flow Chart for a maximum throughput scenario. (Include all process, control, and transfer equipment, their types, and their maximum ratings. Also include transfer points, stockpiles, and air pollution control methods.	

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest, house, etc.
	Direction to nearest Residence	_____ feet	Direction from the stack to the receptor, i.e. North or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____ feet	Direction from the stack to the receptor, i.e. North or South.
Stack Parameters	Release Height	_____ feet above grade	
	Stack Diameter	_____ inches at point of release	
	Rain Cap	<input type="checkbox"/> Flapper-type <input type="checkbox"/> Fixed-type <input type="checkbox"/> None <input type="checkbox"/> Other: _____	
	Direction of Flow	<input type="checkbox"/> Vertically Upward <input type="checkbox"/> Horizontal <input type="checkbox"/> Other: ____° from vert. or ____° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____°F	
Facility Location	<input type="checkbox"/> Urban (area of dense population) <input type="checkbox"/> Rural (area of sparse population)		