

Southwest Clean Air Agency

Lumber Dry Kiln Air Discharge Permit Application Data Sheet	Page 1 of 2 Application No: _____
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The following type of information will assist with review of the proposed equipment. SWCAA may require additional information after review of the submitted application. Please attach any information that might aid in SWCAA's review such as vendor literature. In addition to this application form, all sources are required to demonstrate that proposed equipment meets the requirements of Best Available Control Technology (BACT).

APPLICANT INFORMATION:

Applicant Name: _____
Contact Name / Title: _____

EQUIPMENT DATA:

Plant Information

Plant Type: Steam fired Direct fired
Manufacturer: _____ Model: _____
Serial Number: _____ Rated Capacity (bdft/charge): _____
Year of Manufacture: _____ Max Annual Capacity (Million bd ft) _____
Physical dimension: Length: _____ (ft) Width: _____ (ft)
Number of tracks: _____
Maximum operating temperature: _____ (EF) Controller set temperature: _____ (EF)

Burner Information (only if direct fired)

Manufacturer: _____ Model: _____
Serial Number: _____
Rated Maximum Capacity (MMBtu/hr): _____ Low NOx Burner? YES NO
Primary Fuel Type: _____ Secondary Fuel Type: _____

CONTROL EQUIPMENT DATA:

Baghouse Wet Scrubber Other _____
Manufacturer: _____ Model: _____
Serial Number: _____ Rated airflow: _____
Number of Bags/Cartridges: _____
Bag/Cartridge Dimensions: _____
Total Filtration Area: _____
Filter element cleaning: Reverse Airjet Mechanical Sweep Other _____
Water flowrate: _____ (gallons/min)

Fabric/Media Description

Material and Weight (oz./yd²): _____
Surface Treatment (if any): _____
ASTM permeability (or equivalent): _____
Filtration efficiency: _____
Exhaust Data (height above ground, diameter, temperature): _____

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EMISSIONS/DATA:

<u>Pollutant</u>	<u>Emission Factor</u>	<u>Emission Factor Units</u>	<u>Emission Factor Source</u>
Nitrogen Oxides (NO _x)	_____	_____	_____
Carbon Monoxide (CO)	_____	_____	_____
Volatile Organic Compounds (VOC)	_____	_____	_____
Particulate Matter (PM)	_____	_____	_____
Sulfur Dioxide (SO ₂)	_____	_____	_____
Oxygen (O ₂)	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PRODUCTION DATA:

<u>Wood Species</u>	<u>Annual Quantity (bd ft)</u>	<u>Emission Factor</u>	<u>Emission Factor Units</u>	<u>Emission Factor Source</u>
Douglas fir	_____	_____	_____	_____
Hem Fir	_____	_____	_____	_____
Spruce	_____	_____	_____	_____
Cedar	_____	_____	_____	_____
Pine	_____	_____	_____	_____
Alder	_____	_____	_____	_____
Other	_____	_____	_____	_____
Other	_____	_____	_____	_____
Other	_____	_____	_____	_____
Other	_____	_____	_____	_____
Other	_____	_____	_____	_____