



**Section G: Equipment Information**

Manufacturer:

Model:

Serial Number:

Is the baghouse insulated?  YES  NO

Design Minimum Operating Temperature: ° F

Design Maximum Operating Temperature: ° F

Are temperature controls provided?  YES  NO

If YES, describe the temperature controls:

Air Flow Through Baghouse:  Forced  
 Induced  
 Other Specify:

Direction of Flow Through Filters:  Inside Out  
 Outside In

Particulate Removal Efficiency: %

**Attach the manufacturer's specification sheet for the baghouse and particle size removal efficiency curve and basis of determination.**

**Section H: Compartment Information**

Number of Compartments:

Number of Filters (Bags) Per Compartment:

Can the Compartments be Isolated for Replacement or Repair?  YES  NO

**Section I: Gas Stream Information**

Maximum Inlet Volumetric Gas Flow Rate: acfm at feet

Maximum Outlet Volumetric Gas Flow Rate: acfm at feet

Dew Point at maximum Moisture Content of Gas: ° F

pH of Gas Handled:

Dust Characteristics:  Sticky  Wet  Corrosive  Dry  Other(Specify):

**Section J: Contaminant Information**

Percent of Each Contaminant in the Waste Gas and Removal Efficiency

**If more than five contaminants are present, attach additional copies of this page as needed.**

Contaminant Name	Contaminant CAS Number	Percent of Waste Gas	Removal Efficiency

<b>Section K: Fabric Filter (Bag) Information</b>			
Fabric Type:	<input type="checkbox"/> Felted	<input type="checkbox"/> Membrane	<input type="checkbox"/> Ceramic Cartridge
	<input type="checkbox"/> Woven	<input type="checkbox"/> PTFE Membrane	<input type="checkbox"/> Felted-Woven
	<input type="checkbox"/> Sintered Metal	<input type="checkbox"/> Other (Specify):	
Fabric Material:			
Maximum Continuous Filter Operating Temperature:			° F
Clean Fabric Permeability:		scfm/ft <sup>2</sup> at ΔP	inches of water
Fabric Filter (Bag) Diameter or Width:		<b>inches</b>	
Fabric Filter (Bag) Length:		<b>inches</b>	
Effective Area Per Filter:		<b>square inches</b>	
Minimum Effective Air to Cloth Ratio:		<b>inches</b>	
Maximum Effective Air to Cloth Ratio:		<b>inches</b>	
Design Pressure Drop Across Baghouse:		<b>inches water</b>	
Describe determining factor fabric filter changing/replacement:			
<b>Attach the manufacturer's specification sheet for the fabric filters (bag).</b>			
<b>Section L: Filter Cleaning Information</b>			
Filter Cleaning Method:	<input type="checkbox"/> Manual Cleaning	<input type="checkbox"/> Bag Collapse	<input type="checkbox"/> Reverse Air Jet
	<input type="checkbox"/> Mechanical Shakers	<input type="checkbox"/> Sonic Cleaning	<input type="checkbox"/> Pulse Jet
	<input type="checkbox"/> Pneumatic Shakers	<input type="checkbox"/> Reverse Air Flow	<input type="checkbox"/> Other (Specify):
Air Pressure:		<b>psi</b>	
Describe how air is supplied to system:			
Describe how filter cleaning is initiated:		<input type="checkbox"/> Manual	<input type="checkbox"/> Pressure Drop
	<input type="checkbox"/> Timer	<input type="checkbox"/> Other (Specify):	
<b>Section M: Hopper Information</b>			
Is the hopper heated? <input type="checkbox"/> YES <input type="checkbox"/> NO			
Is there a hopper vibrator? <input type="checkbox"/> YES <input type="checkbox"/> NO			
Describe how collected material is treated or disposed of:			

<b>Section N: Stack Information</b>			
Stack Height Above Grade:		<b>feet</b>	
Stack Exit Diameter: <i>(Provide stack dimensions if rectangular stack.)</i>		<b>feet</b>	
Is a Stack Cap Present? <input type="checkbox"/> YES <input type="checkbox"/> NO			
Stack Configuration: <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Downward – Venting <i>(Check all that apply)</i> <input type="checkbox"/> Other (Specify):			
Stack Exit Gas Temperature:                      ° F		Stack Exit Gas Flow Rate:                      ACFM	
Distance to Nearest Property Line:		<b>feet</b>	
Describe nearest obstruction:			
Height of Nearest Obstruction:		<b>feet</b>	
Distance to Nearest Obstruction:		<b>feet</b>	
Are stack <b>sampling ports</b> provided? <input type="checkbox"/> YES <input type="checkbox"/> NO			
<b>Section O: Monitoring and Alarm Information</b>			
Are there any <b>alarms</b> associated with this baghouse? <input type="checkbox"/> YES <input type="checkbox"/> NO			
<i>If YES, complete the following.</i>			
<b>If there are more than three alarms, attach additional copies of this page as needed.</b>			
Operating Parameter Monitored	Describe Alarm Trigger	Monitoring Device or Alarm Type	Does the Alarm Initiate an Automated Response?
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:
		<input type="checkbox"/> Visual <input type="checkbox"/> Auditory <input type="checkbox"/> Automatic (Remote Monitoring) <input type="checkbox"/> Other	<input type="checkbox"/> YES <input type="checkbox"/> NO Describe:

**Section P: Additional Information**

Attach potential emissions calculations with your application. If there are no emission calculations provided with the application, the LMAPCD will calculate the potential emission rates for this equipment. This will result in a delay in the issuance of the permit. The potential emission rates shall be based on operation at maximum equipment capacity. The annual potential emissions shall be based on 8,760 operating hours per year. All potential emission calculations shall represent pre-control emissions.

Is there any additional information pertinent to this application?     YES     NO

If yes, describe below: