



**Major Source Operating Permit Application**  
**Control Equipment – Baghouse/Fabric Filters**

**Form 70-18**

16	Particle size distribution in microns ( $\mu$ )					
	Particle type(s)					
	Particle size	0-5 $\mu$	5-10 $\mu$	10-20 $\mu$	20-44 $\mu$	Greater than 44 $\mu$
	Give % by weight					
17	Dust disposal method	<input type="checkbox"/> Automatic (screw conveyor, etc.)		<input type="checkbox"/> Manual		
	Describe dust disposal method					
	How often are hoppers emptied?	Every _____ hours				
	Is disposed material wetted before transport?	<input type="checkbox"/> Yes <input type="checkbox"/> No				
	Site of disposal					
18	Particulate control efficiency					
	A. Manufacturer's stated efficiency					
	B. Required efficiency					
	C. Operation efficiency (performance test)					
	D. Efficiency for particle size					
	Give efficiency for particle size	0-5 $\mu$	5-10 $\mu$	10-20 $\mu$	20-44 $\mu$	Greater than 44 $\mu$
	Give % by weight					
19	Location of the fan	<input type="checkbox"/> Clean air side (pull through)		<input type="checkbox"/> Dirty air side (push through)		
	Type fan (check one)	<input type="checkbox"/> Centrifugal (radial flow)		<input type="checkbox"/> Axial flow		
	Type blade (check one)	<input type="checkbox"/> Forward curve	<input type="checkbox"/> Straight	<input type="checkbox"/> Tube-axial	<input type="checkbox"/> Vane-axial	
		<input type="checkbox"/> Backward curve	<input type="checkbox"/> Propeller			
20	Fan data					
	Diameter		Inches	Braking horsepower	BHP	
	Speed		RPM	Inlet area	Ft <sup>2</sup>	
	Volume		CFM @ STP	Outlet area	Ft <sup>2</sup>	
	Static pressure		Inches WC	Motor horsepower	HP	
	Submitted copies of manufacturer's multirating tables			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
For compressor		<input type="checkbox"/> Positive displacement	<input type="checkbox"/> Dynamic	<input type="checkbox"/> Reciprocating		
21	Page Number	Revision Number		Date of Revision		

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