Texas Commission on Environmental Quality
Table 11
Fabric Filters

Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) website at www.tceq.texas.gov/permitting/air.

A. Emission Point Number (EPN) and Emission Point Name	
EPN: 8	Emission Point Name: Central Dust Collector
B. Manufacturer and Model Numbers (No.)	
Manufacturer No.: Donaldson Torit	Model No.: 9FS6

C Name of Source(s) or Equipment Being Controlled

Name	EPN	FIN
Batch Point		

D. Type of Particulate Controlled

Cement Dust	Particulate Matter	

E. Gas Stream Characteristics

Design Maximum	Average Expected Flow Rate (acfm)	Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
5000	5000	Ambient	Inlet:	Outlet: <0.01
Pressure Drop (inches of H_2O	**Water Vapor Content of Effluent Stream (lb water/lb dry air)**		**Fan Requirements**	
			hp:	ft^3/min.:

F. Particulate Distribution (By Weight)

Micron Range	Inlet %	Outlet %
0.0-0.5		
0.5-1.0		
1.0-5.0		
5-10		
10-20		
over 20		

G. Filter Characteristics

Filtering Velocity (acfm/ft^2 of Cloth)	Bag Diameter (inches)	Bag Length (feet)	Total Number of Bags
8.96:1	6	6.5	9

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H. Bag Rows	
Indicate the arrangement of the baghouse bag filter rows.	☐ Staggered ☒ Straight
I. Walkways	
Will walkways be provided between banks of bags?	☐ YES ☒ NO
J. Filtering Material	
Identify the filtering media: Polyester Spun-Bound Media	
Any additional coating or treatment of the baghouse material:	
K. Cleaning of the Filter(s)	
Describe Bag Cleaning Method and Cycle: Automatic Pulse Jet	
L. Cost	
Capital Installed Cost:	
Annual Operating Cost:	

Note: Attach the details regarding the principle of operation and an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size and shape.
If the device has bypasses, safety valves, etc., include in the drawing and specify when such bypasses are to be used and under what conditions.