

Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources*. AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

AP42 Section:	9.7
Background Chapter	4
Reference:	3
Title:	Source Emission Testing--Mount Whitney Cotton Gin, BTC Environmental, Inc., Ventura, CA, November 29-30, 1990.

Source category: Cotton
 Plant name : Mount Whitney
 Test date : Nov 29-30, 1990
 Process : Cotton ginning

COTTON3 Date: 02/15/95
 Location: Five Points, CA
 Ref. No.:
 Basis for process rate:

Source	Type of control	Pollutant	Run No.	Emission rate, lb/hr	Number of cyclones	Process rate, bales/hr	Emission factor		
							kg/bale	lb/bale	
West plenum (Unloading, dryers, and inclined cleaners)	Fifteen 38" 2D-2D cyclones	Total PM	1	2.59	15	15.2	1.2	2.6	
		Total PM	2	4.73	15	15.2	2.1	4.7	
		AVERAGE						1.6	3.6
		PM-10	1	1.35	15	15.2	0.60	1.3	
		PM-10	2	2.31	15	15.2	1.0	2.3	
		AVERAGE						0.82	1.8
East plenum (Overflow separator and main trash)	Four 38" 2D-2D cyclones	Total PM	1	2.66	4	14.3	0.34	0.74	
		Total PM	2	4.44	4	14.3	0.56	1.2	
		AVERAGE						0.45	0.99
		PM-10	1	0.16	4	14.3	0.020	0.045	
		PM-10	2	0.50	4	14.3	0.063	0.14	
		AVERAGE						0.042	0.092
Motes	Two 72" 2D-2D cyclones	Total PM	1	0.33	2	11.7	0.026	0.056	
		Total PM	2	2.12	2	11.7	0.16	0.36	
		AVERAGE						0.095	0.21
		PM-10	1	0.06	2	11.7	0.0047	0.010	
		PM-10	2	0.98	2	11.7	0.076	0.17	
		AVERAGE						0.040	0.089
Motes condenser	One 72" 2D-2D cyclone	Total PM	1	2.16	1	15.3	0.064	0.14	
		Total PM	2	1.25	1	15.3	0.037	0.082	
		AVERAGE						0.051	0.11
		PM-10	1	0.09	1	15.3	0.0027	0.0059	
		PM-10	2	0.05	1	15.3	0.0015	0.0033	
		AVERAGE						0.0021	0.0046