

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:	4
Title:	Source Emission Testing--Stratford Growers, BTC Environmental, Inc., Ventura, CA, November 27-28, 1990.

Source category: Cotton COTTON4 Date: 02/15/95
 Plant name : Stratford Growers Location: Stratford, CA
 Test date : Nov 27-26, 1990 Ref. No.:
 Process : Cotton ginning Basis for process rate: Production

Source	Type of control	Pollutant	Run No.	Emission rate, lb/hr	Number of cyclones	Process rate, bales/hr	Emission factor		
							kg/bale	lb/bale	
Trash fan (Gin stand)	Two 38" 2D-2D cyclones	Total PM	1	1.37	2	12.7	0.098	0.22	
		Total PM	2	1.67	2	12.7	0.12	0.26	
		AVERAGE						0.11	0.24
		PM-10	1	0.230	2	12.7	0.016	0.036	
		PM-10	2	0.770	2	12.7	0.055	0.12	
		AVERAGE						0.036	0.079
No. 1 drying (dryers and inclined cleaners)	Four 36" 2D-2D cyclones	Total PM	1	0.640	4	13.0	0.089	0.20	
		Total PM	2	1.34	4	13.0	0.19	0.41	
		AVERAGE						0.14	0.30
		PM-10	1	0.20	4	13.0	0.028	0.062	
		PM-10	2	0.50	4	13.0	0.070	0.15	
		AVERAGE						0.049	0.11
No. 2 drying (dryers and inclined cleaners)	Four 36" 2D-2D cyclones	Total PM	1	4.17	4	21.4	0.35	0.78	
		Total PM	2	4.25	4	21.4	0.36	0.79	
		AVERAGE						0.36	0.79
		PM-10	1	1.71	4	21.4	0.15	0.32	
		PM-10	2	0.769	4	21.4	0.065	0.14	
		AVERAGE						0.11	0.23
Mote fan	Six 30" 2D-2D cyclones	Total PM	1	0.240	6	12.0	0.054	0.12	
		Total PM	2	0.190	6	12.0	0.043	0.095	
		AVERAGE						0.049	0.11
		PM-10	1	0.14	6	12.0	0.032	0.070	
		PM-10	2	0.06	6	12.0	0.014	0.030	
		AVERAGE						0.023	0.050