

Typical Dust Concentrations

2-Jun-09

		micrograms	milligrams	gram		
		µg/ft ³	mg/ft ³	g/ft ³	g/100ft ³	g/1000ft ³
per cubic foot	EPA "PM 2.5" annual	0.4247527	0.0004248	0.0000004	0.0000425	0.0004248
	EPA "PM 2.5" 24 hr limit	1.8405950	0.0018406	0.0000018	0.0001841	0.0018406
	EPA "PM 10" annual	1.4158423	0.0014158	0.0000014	0.0001416	0.0014158
	EPA "PM 10" 24 hr limit	4.2475270	0.0042475	0.0000042	0.0004248	0.0042475
	ASHRAE 52.1 and 52.2	2000	2	0.002	0.2	2
	ARAMCO 32-SAMSS-008	16,141	16.14	0.0161	1.6141	16.14
	ISO 5011 (SAE J726)					
	Single Stage	28,317	28.32	0.0283	2.8317	28.32
	Multistage	56,634	56.63	0.0566	5.6634	56.63
	Low	283	0.283	0.00028	0.028	0.283
	High	283,168	283	0.283	28.317	283

		µg/m ³	mg/m ³	g/m ³	g/100m ³	g/1000m ³
per cubic meter	EPA "PM 2.5" annual	15	0.015	0.00002	0.002	0.015
	EPA "PM 2.5" 24 hr limit	65	0.065	0.00007	0.007	0.065
	EPA "PM 10" annual	50	0.050	0.00005	0.005	0.050
	EPA "PM 10" 24 hr limit	150	0.150	0.00015	0.015	0.150
	ASHRAE 52.1 and 52.2	70,629	70.63	0.07	7.06	70.63
	ARAMCO 32-SAMSS-008	570,000	570	0.57	57	570
	ISO 5011 (SAE J726)					
	Single Stage	1,000,000	1,000	1	100	1,000
	Multistage	2,000,000	2,000	2	200	2,000
	Typical Industrial process					
	Low	10,000	10	0.01	1	10
	High	10,000,000	10,000	10	1,000	10,000



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