

w1.95

Grain size distribution of dusts in exhaust gases

Sr No	Exhaust/Vent Gases from		Duda				Ottolabhan
			0-10	0-20	20-60	60-100	0-10
1	Crushers	grain size microns	0-10	0-20	20-60	60-100	0-10
		%		20-25	10-15,	50-60	5-20,
2	Rotary Dryer limestone	grain size microns	0-10	10-30,		30-200	0-10
		%	20-30	40-50		10-20,	40-70
3	Rapid Dryer paddle	grain size microns	0-10		10-100		0-10
		%	50-70		30-50		50-70
4	Coal Dryer	grain size microns		0-30	30-100		0-10
		%		50-75	25-50		
5	Coal Mill	grain size microns	0-20		20-100		0-10
		%	50-95		5-50,		40-80
6	Raw mill	grain size microns	0-20		20-100		0-10
		%	70-80		20-30		40-90
7a	Rotary kiln wet long	grain size microns	0-20	20-60	60-100		**
		%	35-40	20-40	15-20		**
7b	dry long	grain size microns	0-10	,10-30	30-100		**
		%	40-60	20-30	5-10,		**
7c	dry preheater	grain size microns	0-10		10-100		0-10
		%	90-95		5-10,		85-99.5
7d	lepol kiln						10-45,

		Duda				Ottolabhan	
8	Finish Mill Cement	grain size microns %	0-10 10-20,	10-40, 30-40	40-80 25-35	80-100 2-5,	0-10 40-80
9	Conveying Equipment	grain size microns %	0-10 15-20	10-40, 40-55	40-80 10-18,	80-100 3-7,	0-10 10-50,
10	Grate cooler	grain size microns %					0-10 0-15,

For guidance only

Duda / Ottolabahn