

Stack emission monitoring report at Ginigera Cement Works during 2011-2012

Sl. No.	Stack location	Apr'11	May'11	Jun'11	Jul'11	Aug'11	Sep'11	Avg
1	CM Bag House	44.1	47.9	43.8	41.2	42.4	43.5	43.8
2	Packer-1	Not in operation			43.0	43.0	46.0	44.0
3	Packer-2	44.9	47.4	47.5	44.0	44.7	45.5	45.7
4	Packer-3	74.6	48.4	47.0	41.1	41.2	43.5	44.8
5	Packer-4	48.1	48.2	47.1	Not in operation			

Noise Levels monitoring report at Ginigera Cement Works in plant area during 2011-2012

Location :		Vertical Roller Mill	Cement Bag House Fan	Rotary packing Machine	Packing Machine Bag Filter Fan	Compressor House
Sl. No.	Month	Noise Levels dBA (Standard with in 85 dBA)				
1	Apr'11	84.3	83.9	80.9	76.9	75.8
2	May'11	83.9	83.7	81.4	77.3	75.5
3	Jun'11	83.5	84.2	81.4	77.1	76.8
4	Jul'11	81.5	83.6	80.7	80.1	74.9
5	Aug'11	80.6	81.9	78.5	81.2	75.4
6	Sep'11	81.6	52.4	79.1	83.4	79.5
	Avg	82.56	78.29	80.3	79.3	76.3

Noise Levels monitoring report at Ginigera Cement Works in plant area during 2011-2012

Location :		Near Canteen			Near Administration Block			Near Security Building		
Sl. No.	Month	Noise Levels			Noise Levels			Noise Levels		
		L _{max} (Day) 75 dBA	L _{min} (Night) 70 dBA	L _{mean} dBA	L _{max} (Day) 75 dBA	L _{min} (Night) 70dBA	L _{mean} dBA	L _{max} (Day) 75 dBA	L _{min} (Night) 70dBA	L _{mean} dBA
1	Apr'11	49.8	46.5	48.1	45.7	42.5	44.4	65.1	61.9	63.5
2	May'11	50.2	46.8	48.5	46.2	41.6	43.9	67.3	62.0	64.6
3	Jun'11	50.8	44.5	47.6	51.7	48.6	50.1	60.4	59.9	60.1
4	Jul'11	80.7	45.5	48.1	49.8	47.1	48.4	58.9	51.4	55.1
5	Aug'11	54.7	47.5	51.1	51.2	49.8	50.5	60.1	55.4	57.7
6	Sep'11	55.6	48.1	51.8	50.8	48.6	49.7	65.9	60.3	63.1

Ambient Air Quality Monitoring Report at Ginigera Cement Works During 2011-2012
Location with monthly Avg in micrograms/M3

PLANT SECURITY GATE					ADMINISTRATION BLOCK				GINIGERA VILLAGE				AVERAGE			
Month	SPM	RSPM	SO2	NOx	SPM	RSPM	SO2	NOx	SPM	RSPM	SO2	NOx	SPM	RSPM	SO2	NOx
Apr'11	308.3	76.5	12.0	15.2	265.6	85.9	9.0	14.0	158.3	50.0	7.2	10.8	244.1	70.8	9.4	13.3
May'11	321.6	79.3	12.8	16.0	278.4	84.7	11.4	14.8	173.8	59.1	7.4	9.5	257.9	74.4	10.5	13.4
	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx
Jun'11	74.6	24.6	16.2	20.2	54.1	17.8	15.2	21.3	47.3	15.6	14.5	18.2	58.7	19.3	15.3	19.9
Jul'11	59.0	19.0	13.4	17.5	53.0	17.0	11.7	15.3	47.0	15.0	10.6	13.5	53.0	17.0	11.9	15.4
Aug'11	60.0	19.0	14.5	18.1	51.0	16.0	13.2	16.1	45.0	15.0	13.5	17.6	52.0	16.7	13.7	17.3
Sep'11	67.0	22.0	17.6	23.5	56.0	18.0	14.2	16.9	47.0	15.0	14.8	16.3	56.7	18.3	15.5	18.9

