

J.K. Cement WORKS, MANGROL (RAJ)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Core zone)

(KA1) Location :- Near Mine Office

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	312	49.1	11.7	25.9	756	
2	May'13	350	46.7	10.6	23.8	678.5	
3	June'13	311	44.3	9.4	21.2	650	
4	July'13	303	41.1	8.8	16.1	679	
5	August'13	295	38.2	7.2	13.1	667.5	
6	September'13	386	55	12	31	635	

(KA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	326	52.4	12.3	28.9	688	
2	May'13	350	56.9	11.3	26.4	589.5	
3	June'13	357	58.2	9.8	19.8	580	
4	July'13	316	50.2	9.3	18.4	590	
5	August'13	309.1	47.5	7.95	14.4	605	
6	September'13	372	58	11	34	555	

(KA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	411.8	55.2	13.2	30.7	820	
2	May'13	421	58.3	10.3	24.7	722.5	
3	June'13	412	54.8	10.1	23.9	715	
4	July'13	366	54.5	8.2	17.3	723	
5	August'13	336	51.3	7.4	15	711.5	
6	September'13	482	57	12	30	670	

(KA8) Location :- In Down Wind Direction of Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	378	53.8	11.7	28.3	793	
2	May'13	374	57.4	9.7	25.2	691.8	
3	June'13	361	56.1	8.3	22.1	700	
4	July'13	327	52	8.0	18.7	692	
5	August'13	322.7	49.4	6.9	16.6	614	
6	September'13	377	35	7	29	639	

Note : ALL VALUES IN MICROGRAMS / CUBIC METER (µg/M3)

J.K. Cement WORKS, MANGROL (RA)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Buffer Zone)

(KA4) Location :- Near Ravana Office of MaliaKhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	346	49.7	12.1	30.2	760	
2	May'13	356	54.2	10.5	27.1	617.6	
3	June'13	351	56.2	9.5	25.1	625	
4	July'13	331	47.1	7.9	14.5	618	
5	August'13	319	42.7	7.3	13	590	
6	September'13	365	52	10	29	665	

(KA5) Location :- Near Canteen of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	319.4	51.9	9.5	17.3	617.8	
2	May'13	309.5	50	9.7	17.3	601	
3	June'13	313.7	47.8	8.9	16.6	595.5	
4	July'13	307.9	47.7	8.1	15.3	575.5	
5	August'13	315.9	54	8.1	15.3	577.5	
6	September'13	349.7	52.1	10.1	16.3	596.3	

(KA6) Location :- Near Stacker transfer point of J.K.Nimbahera Plant

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	336.7	53.7	8.6	20.2	574.8	
2	May'13	342.8	57.1	9.5	21.1	622.8	
3	June'13	338.4	53.7	9	18.8	625.5	
4	July'13	305.6	48.4	7.9	16.4	615.5	
5	August'13	322.2	52.9	7.5	15.7	565	
6	September'13	341.8	51.1	8.7	14.5	627.5	

(KA7) Location :- Near Mine Office -Tilakhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	323	43.6	11.3	30.3	718	
2	May'13	333	49.5	9.4	23.1	595.4	
3	June'13	320	47.2	8.8	20.7	562	
4	July'13	309	43.5	7.9	16.6	595	
5	August'13	303	40.7	7	15.3	557.5	
6	September'13	387	56	13	35	542	

Note : ALL VALUES IN MICROGRAMS / CUBIC METER (µg/M³)