

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	October'13	319.7	41.6	9.5	23.3	602.5	
2	Novemeber'13	344.0	47.8	9.7	25.7	613.0	
3	December'13	334.2	39.8	8.2	18.7	626.0	
4	January'14	332.0	41.4	8.7	15.8	638.0	
5	February'14	330.0	42.2	9.2	19.3	631.0	
6	March'14	322.5	48.6	9.8	18.3	608.0	

(KA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	366.5	49.4	10.8	26.8	652	
2	Novemeber'13	364.0	43.9	10.5	24.1	656	
3	December'13	371.9	47.6	8.8	19.4	641	
4	January'14	350.0	47.3	9.5	18.7	651	
5	February'14	360.0	49.4	10.4	22.2	653	
6	March'14	349.5	47.6	11.7	20.8	672	

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

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	443.7	51.6	10.3	25.8	658	
2	Novemeber'13	439.0	53.3	13.3	22.4	635	
3	December'13	450.2	51.2	9.9	20.8	673	
4	January'14	454.0	52.1	10.5	20.1	666	
5	February'14	459.0	52.8	11.9	25.3	691	
6	March'14	447.0	51.2	12.8	23.8	689	

(KA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	383.2	37.3	7.9	27.4	609	
2	Novemeber'13	369.0	42.9	9.0	25.2	576	
3	December'13	362.7	43.4	7.7	23.1	664	
4	January'14	340.0	43.9	8.9	17.0	594	
5	February'14	339.0	44.8	9.5	17.9	604	
6	March'14	333.0	46.5	11.1	20.3	625	

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

J.K. Cement WORKS, MANGROL (RAJ)

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	October'13	333.9	40.1	9.3	23.3	552.5	
2	Novemeber'13	344.1	41.4	9.2	24.8	601.5	
3	December'13	337.6	48.3	11.2	21.5	624	
4	January'14	350.5	52.8	12.0	28.4	626.5	
5	February'14	365.5	53	14.0	27.8	623.5	
6	March'14	355	51.2	13.2	25.2	647.5	

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

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	331.7	46.6	9.4	15.7	621	
2	Novemeber'13	349.3	49.1	9.3	17.1	606.5	
3	December'13	323.1	44.2	9	14.0	617.3	
4	January'14	332.8	42.2	8.4	13.4	672	
5	February'14	340.7	50.1	10	14.9	675.8	
6	March'14	328.7	44.6	8.9	14	625	

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

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	314.5	36.5	7.9	13.0	601.8	
2	Novemeber'13	328.2	47	8.6	16.1	645.0	
3	December'13	330.1	45.8	8.4	14.1	623.0	
4	January'14	315.6	44.3	11.2	15.5	667.5	
5	February'14	321.7	46.2	9.2	12.0	637.8	
6	March'14	319.2	41.7	8.1	12.2	616.5	

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

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	October'13	353.3	49.8	13.0	25.7	573.5	
2	Novemeber'13	329.2	49.0	13.8	24.1	598.5	
3	December'13	346.9	46.9	9.7	20.6	599.5	
4	January'14	341.5	47.6	12.0	24.2	586.5	
5	February'14	351.6	50.2	13.3	25.5	618.0	
6	March'14	348	46.8	14.5	21.3	594.0	

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