

J.K. Cement WORKS, MANGROL (RAJ)

AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Core Zone)

(TA1) Location :- Near Mine Office

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	7.0	15.3	557.5	
6	September'13	387	56	13	35.0	542	

(TA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	366	52.9	10.7	29.6	756	
2	May'13	374	56.3	13.0	26.0	599.5	
3	June'13	356	57.7	10.5	23.8	618	
4	July'13	325	48.9	8.7	16.0	600	
5	August'13	314.4	45.4	7.9	13.2	536	
6	September'13	378	53	12.0	32.0	633	

(TA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	429	56.7	12	32.1	809	
2	May'13	439	58.1	10.7	28.0	703.1	
3	June'13	427	53.1	8.9	25.7	695	
4	July'13	381	52.2	8.2	15.5	703	
5	August'13	332	48.7	8.1	14.1	660.5	
6	September'13	489	51	11	27	674	

(TA8) Location :- Near Loading Point.

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'13	348	53.3	11.1	30.5	830	
2	May'13	338	50.7	8.8	25.2	722.2	
3	June'13	329	49.5	9.7	21.5	745	
4	July'13	340	46.1	7.3	17.2	722	
5	August'13	327.4	44.6	8.0	15.7	675.5	
6	September'13	363	44	13	25	700	

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

J.K. Cement WORKS, NIMBAHERA (RAJ)

AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Buffer Zone)

(TA4) Location :- Near canteen of J.K.cement Mangrol Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	

(TA5) Location :- Near Stacker Transfer point of JKCW Nimbahera

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	

(TA6) Location :- Near Ravana Office of Karunda Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	

(TA7) Location :- Near Office of Maliakhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'13	313	43.2	11.7	36.4	730	
2	May'13	321	47	8.4	22.4	561.5	
3	June'13	317	44.7	8.8	20.6	601	
4	July'13	303	39.2	8.3	16.6	562	
5	August'13	293	37.9	7.6	14.8	580	
6	September'13	374	58	12	30	564	

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