

J.K. Cement WORKS, NIMBAHERA (RAJ)

AMBIENT AIR QUALITY DATA

MALIAKHERA MINE (Core Zone)

(MA1) Location :- Near Mine Office

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	47.0	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	58.0	12.0	30.0	564	

(MA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	13.0	590	
6	September'13	365	52.0	10	29	665	

(MA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'13	422	56.7	13.0	34.3	780	
2	May'13	419	53.4	11.4	29.9	597.6	
3	June'13	405	55.9	9.5	21.5	644	
4	July'13	368	50.0	9.0	17.5	598	
5	August'13	339	47.7	8.0	15.2	580	
6	September'13	489	51.0	14.0	32.0	611	

(MA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'13	356	52.9	10.6	30.2	795	
2	May'13	348	48.7	9.0	24.1	626.1	
3	June'13	339	50.4	8.2	22.8	651	
4	July'13	338	44.3	8.0	16.0	626	
5	August'13	325	41.1	6.9	13.9	538	
6	September'13	363	44.0	9.0	26.0	632	

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

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AMBIENT AIR QUALITY DATA

Maliakhera MINE (Buffer Zone)

(MA4) Location :- Near Office of Karunda Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	

(MA5) Location :- Near Canteen of J.K Mangrol Plant

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	

(MA6) Location :- Main Security Gate of JKCW Nimbahera

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'13	321.7	50.7	9.5	20.4	661.3	
2	May'13	317.5	48.9	10.3	20.6	636.5	
3	June'13	314.1	48	9.3	18.4	638.3	
4	July'13	329	55.2	8.4	15.8	634.3	
5	August'13	313.1	45.1	8	14.5	654.5	
6	September'13	321.5	42.7	8.9	12.9	618.3	

(MA7) Location :- Near Mine Water Pump of Nimbahera -Ahirpura Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'13	319	45.4	12.5	32.4	722	
2	May'13	329	52.9	10.8	28.9	592.5	
3	June'13	325	55.9	9.1	24.7	660	
4	July'13	318.5	48.9	8.2	19.5	593	
5	August'13	323.8	45.9	7.3	17.9	549	
6	September'13	382	59	11	34	650	

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