

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	NOx	CO	Remarks
1	October'13	353.3	49.8	13.0	25.7	574	
2	Novemeber'13	329.2	49.0	13.8	24.1	599	
3	December'13	346.9	46.9	9.7	20.6	600	
4	January'14	341.5	47.6	12.0	24.2	587	
5	February'14	351.6	50.2	13.3	25.5	618	
6	March'14	348	46.8	14.5	21.3	594	

(TA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	390.8	54.9	15.5	31.6	658	
2	Novemeber'13	352.8	53.4	14.4	28.2	638	
3	December'13	372.1	53.6	15.2	26.7	628	
4	January'14	367.4	52.5	15.7	27.5	619	
5	February'14	383.7	53.6	15.0	27.0	645	
6	March'14	373.5	51.5	16.8	29.2	636	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	480.5	55.7	12.2	28.0	658	
2	Novemeber'13	468.7	55.0	13.8	27.3	676	
3	December'13	466.3	56.3	11.2	24.6	656	
4	January'14	473.5	57.1	12.0	25.9	666	
5	February'14	460.4	47.6	11.6	29.5	668	
6	March'14	462.5	47.1	12.7	25.8	659	

(TA8) Location :- Near Loading Point.

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	345.3	45.9	14.5	23.4	685	
2	Novemeber'13	351.5	49.4	15.2	22.2	640	
3	December'13	337.4	41.1	13.2	19.1	623	
4	January'14	352.5	45.9	13.9	22.0	605	
5	February'14	345.9	46.0	12.8	23.8	637	
6	March'14	339	44.7	11.5	24.0	614	

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

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AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Buffer Zone)

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	331.7	46.6	9.4	15.7	621.0	
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	672.0	
5	February'14	340.7	50.1	10.0	14.9	675.8	
6	March'14	328.7	44.6	8.9	14.0	625.0	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	314.5	36.5	7.9	13.0	601.8	
2	Novemeber'13	328.2	47.0	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	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	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	

(TA7) Location :- Near Mine Office of Maliakhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'13	370.5	49.5	10.3	27.7	593.5	
2	Novemeber'13	379.7	50.9	11.6	28.9	610.5	
3	December'13	356.7	52.3	12.9	25.9	611.0	
4	January'14	337.1	50.8	11.0	25.7	625.0	
5	February'14	349.1	50.6	12.3	22.2	604.5	
6	March'14	323.0	47.5	11.4	21.2	624.5	

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