

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	April'14	343.30	45.90	13.70	20.00	611.50	
2	May'14	323.00	40.00	11.00	19.50	600.00	
3	June'14	352.00	43.00	14.20	17.40	622.00	
4	July'14	337.00	45.00	12.80	18.00	632.00	
5	August'14	327.00	41.00	13.00	16.00	615.00	
6	September'14	316.00	38.00	11.50	14.00	606.00	

(TA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	355.60	51.70	14.30	24.60	656.00	
2	May'14	374.00	49.00	15.00	28.00	715.00	
3	June'14	387.00	50.00	17.10	26.00	691.00	
4	July'14	367.00	52.00	16.20	25.00	680.00	
5	August'14	370.00	49.00	18.00	27.00	700.00	
6	September'14	352.00	47.00	14.00	18.00	684.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	437.50	56.00	16.00	29.00	694.50	
2	May'14	455.00	52.00	13.00	26.00	660.00	
3	June'14	464.00	54.00	15.00	24.00	652.00	
4	July'14	420.00	55.00	14.10	23.00	662.00	
5	August'14	440.00	53.00	14.00	20.00	650.00	
6	September'14	431.00	51.00	11.00	16.00	632.00	

(TA8) Location :- Near Loading Point.

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	326.80	48.90	12.70	22.60	630.50	
2	May'14	345.00	50.50	9.00	17.00	640.00	
3	June'14	337.00	47.00	10.00	18.00	631.00	
4	July'14	317.00	48.00	9.80	16.40	620.00	
5	August'14	340.00	46.00	11.00	24.00	630.00	
6	September'14	327.00	45.00	9.00	12.00	615.00	

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	April'14	324.10	41.90	9.30	12.30	659.00	
2	May'14	331.00	42.00	9.50	13.30	637.50	
3	June'14	349.80	45.40	10.00	15.20	668.80	
4	July'14	309.30	39.10	8.40	13.90	627.50	
5	August'14	335.30	42.40	10.70	16.40	633.50	
6	September'14	321.20	39.00	8.30	11.30	631.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	339.30	44.10	10.20	14.20	667.50	
2	May'14	333.00	43.60	8.70	13.80	630.00	
3	June'14	379.20	49.00	11.40	17.70	700.00	
4	July'14	339.20	43.70	9.60	11.60	637.30	
5	August'14	340.00	41.20	10.10	13.60	652.80	
6	September'14	324.00	39.40	10.40	13.50	649.30	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	381.90	48.10	11.40	22.30	668.00	
2	May'14	409.00	52.00	13.00	18.00	692.00	
3	June'14	392.00	50.00	15.20	24.80	684.00	
4	July'14	385.00	54.00	12.70	23.00	672.00	
5	August'14	405.00	51.00	14.00	19.70	685.00	
6	September'14	387.00	45.00	10.80	14.30	675.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	398.20	47.40	12.10	24.40	616.00	
2	May'14	370.00	43.00	10.80	18.50	650.50	
3	June'14	388.00	46.00	11.40	20.80	689.00	
4	July'14	330.00	45.00	8.50	13.40	610.00	
5	August'14	375.00	44.00	9.00	15.00	680.00	
6	September'14	368.00	40.00	13.00	18.00	642.00	

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