

J.K. Cement WORKS, MANGROL (RAJ)

ENVIRONMENTAL QUALITY DATA

MANGROL LIME STONE MINE (Core zone)

(MG1) Location :- Near Towards Factory Gate

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	320.0	43.0	12.5	23.0	801.5	
2	May '16	329.0	45.6	14.2	26.2	744.3	
3	June'16	302.0	42.1	11.7	22.4	916.0	
4	July'16	260.0	34.0	10.0	20.6	572.5	
5	August'16	156.0	28.1	5.1	11.3	343.5	
6	September'16	242.0	32.0	9.4	18.9	515.3	

(MG2) Location :- Ravana Office

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	367.0	48.0	16.0	27.0	916.0	
2	May '16	382.0	50.4	20.8	30.1	973.3	
3	June'16	362.0	49.7	15.4	29.7	801.5	
4	July'16	295.0	42.0	13.5	23.0	515.3	
5	August'16	196.0	35.4	8.1	14.3	400.8	
6	September'16	284.0	38.0	11.4	24.4	629.8	

(MG3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	411.0	53.0	20.6	38.0	572.5	
2	May '16	420.0	54.1	21.9	40.4	629.8	
3	June'16	394.0	51.4	17.6	34.4	858.8	
4	July'16	319.0	47.0	15.0	26.0	400	
5	August'16	232.0	41.2	13.2	23.1	401.0	
6	September'16	354.0	43.7	14.6	27.6	400.8	

(MG8) Location :- Near Loading Point

S.No.	MONTH	SPM	RSPM	SO ₂	NOx	CO	Remarks
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1	April'16	354.0	44.0	14.0	25.0	687.0	
2	May '16	371.0	46.6	15.8	27.4	916.0	
3	June'16	349.0	43.4	13.3	24.2	515.3	
4	July'16	307.04	45.0	12.0	23.0	629.8	
5	August'16	203.0	39.1	10.2	19.8	171.8	
6	September'16	208.2	40.2	12.6	21.6	286.3	

Note : ALL VALUES IN MICROGRAMS / CUBIC METER ($\mu\text{g}/\text{M}^3$)

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ENVIRONMENTAL QUALITY DATA

MANGROL LIME STONE MINE (Buffer Zone)

(MG4) Location :- Near Mine Office of Tilakhera Mine

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	322.0	42.0	10.8	22.0	687.0	
2	May '16	343.0	43.6	11.2	23.7	973.3	
3	June'16	330.0	40.0	12.6	24.8	744.3	
4	July'16	290.0	36.0	9.6	19.0	629.8	
5	August'16	164.0	29.2	6.2	15.5	343.5	
6	September'16	256.0	34.0	8.6	17.7	515.3	

(MG5) Location :- Near Stacker Transfer point of JKCW Nimbahera

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	372.0	48.2	14.1	25.7	772.9	
2	May '16	393.8	51.2	16.6	32.2	715.6	
3	June'16	340.0	45.8	14.4	26.6	758.6	
4	July'16	347	47.3	15.4	27.7	672.7	
5	August'16	229.3	35.5	8.8	16.6	300.6	
6	September'16	340.7	45.9	14.1	28.4	601.1	

(MG6) Location :- Near Ravana Office of Karunda Mine

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	371.0	50.0	15.7	27.0	687.0	
2	May '16	380.0	52.6	17.8	29.6	858.8	
3	June'16	356.0	47.0	14.4	25.6	973.3	
4	July'16	305.0	38.0	11.9	21.4	515.3	
5	August'16	211.0	26.0	10.1	18.0	343.5	
6	September'16	269.0	35.0	9.8	20.7	458.0	

(MG7) Location :- Near Mine Office of Maliakhera Mine

S.No.	MONTH	SPM	RSPM	SO ₂	NOx	CO	Remarks
1	April'16	328.0	45.0	13.7	25.4	801.5	
2	May '16	341.0	39.9	15.1	29.6	973.3	
3	June'16	317.0	41.0	11.7	22.6	629.8	
4	July'16	275.0	34.0	10.2	20.6	630	
5	August'16	159.0	26.0	5.9	12.2	400.8	
6	September'16	240.0	31.0	7.8	16.4	629.8	

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