

J.K. Cement WORKS, MANGROL (RAJ)

ENVIRONMENTAL QUALITY DATA

MANGROL LIME STONE MINE (Core zone)

(MG1) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	328.0	45.0	13.0	24.8	600.0	
2	November '15	322.0	46.0	12.0	23.0	500.0	
3	December'15	314.0	40.0	10.0	20.0	550.0	
4	January'16	336.0	47.0	14.0	25.0	600.0	
5	February'16	330.0	44.0	11.0	22.0	687.0	
6	March'16	325.0	42.0	9.7	21.7	858.8	

(MG2) Location :- Towards Factory Gate

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	368.0	48.7	15.7	28.4	700.0	
2	November '15	354.0	51.0	14.2	25.0	600.0	
3	December'15	339.0	44.0	13.0	24.0	700.0	
4	January'16	370.0	50.0	17.0	28.0	700.0	
5	February'16	365.0	47.0	15.2	26.0	801.5	
6	March'16	357.0	49.0	12.8	23.9	744.3	

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

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	397.0	50.0	17.0	32.0	600.0	
2	November '15	390.0	54.0	19.0	36.0	700.0	
3	December'15	382.0	48.0	16.0	28.0	650.0	
4	January'16	409.0	55.0	20.0	34.0	700.0	
5	February'16	398.0	52.0	18.0	29.0	744.3	
6	March'16	389.0	56.0	19.6	35.0	687.0	

(MG8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	377.0	47.4	14.7	30.0	700.0	
2	November '15	370.0	49.0	16.0	32.0	600.0	
3	December'15	364.0	45.7	12.0	22.4	600.0	
4	January'16	377.04	47	18.0	31.0	700.0	
5	February'16	372.0	48.5	16.4	33.0	572.5	
6	March'16	367.0	46.2	13.6	24.8	629.8	

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

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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	RPM	SO2	NOx	CO	Remarks
1	October'15	313.0	44.0	12.0	24.0	700.0	
2	November '15	323.0	47.0	15.0	26.0	600.0	
3	December'15	311.0	39.0	9.0	19.0	550.0	
4	January'16	317.0	41.0	10.4	21.0	600.0	
5	February'16	327.0	43.0	11.8	23.0	801.5	
6	March'16	320.0	40.0	8.7	20.0	916.0	

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

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	367.2	49.8	14.4	27.6	600.0	
2	November '15	357.0	46.5	12.9	26.5	625.0	
3	December'15	358.5	49.2	15.7	28.5	600.0	
4	January'16	359	47.3	16	29.2	550.0	
5	February'16	328.5	41.2	9.9	21.1	629.8	
6	March'16	374.0	50.5	15.7	28.4	715.6	

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

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	362.0	50.0	17.0	28.0	700.0	
2	November '15	350.0	52.0	15.0	27.3	600.0	
3	December'15	342.0	47.0	13.0	26.4	600.0	
4	January'16	357.0	49.0	16.0	29.0	600.0	
5	February'16	364.0	51.0	18.0	30.0	687.0	
6	March'16	352.0	48.0	14.0	27.5	916.0	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	325.0	45.0	13.0	26.0	700.0	
2	November '15	332.0	42.0	11.4	22.0	600.0	
3	December'15	322.0	44.3	10.2	24.0	500.0	
4	January'16	330.0	43.0	12.0	23.0	600.0	
5	February'16	341.0	46.0	14.0	25.0	629.8	
6	March'16	335.0	41.0	11.8	22.7	629.8	

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