

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'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	

(TA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	342.0	48.0	15.6	29.0	700.0	
2	November '15	357.0	50.0	13.6	28.0	600.0	
3	December'15	332.0	43.0	11.2	22.0	700.0	
4	January'16	338.0	47.0	14.0	26.0	600.0	
5	February'16	352.0	46.0	16.6	27.0	629.8	
6	March'16	348.0	49.0	12.8	25.0	801.5	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	391.0	51.0	18.0	34.0	700.0	
2	November '15	387.0	54.0	16.0	31.0	600.0	
3	December'15	395.0	52.0	14.0	24.6	650.0	
4	January'16	405.0	55.0	19.0	30.0	700.0	
5	February'16	412.0	53.0	20.0	35.0	515.3	
6	March'16	422.0	56.0	17.0	33.0	744.3	

(TA8) Location :- Near Loading Point.

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	365.0	46.0	13.0	26.0	600.0	
2	November '15	370.0	47.0	11.0	22.0	600.0	
3	December'15	356.0	45.0	12.0	25.3	700.0	
4	January'16	369.0	51.0	16.0	28.0	600.0	
5	February'16	373.0	50.0	14.0	24.7	744.3	
6	March'16	367.0	52.0	10.8	23.0	687.0	

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

J.K. Cement WORKS, MANGROL (RAJ)

AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Buffer Zone)

(TA4) Location :- Near Packing plant gate of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	320.2	40.1	9.5	19.6	600.0	
2	November '15	313.5	41.2	10.7	21.9	650.0	
3	December'15	313.3	40	10.0	20.0	625.0	
4	January'16	345.8	44.8	13.8	24.6	650.0	
5	February'16	364.2	47.9	16.3	28.7	715.6	
6	March'16	319.2	41.5	10.1	20.8	744.3	

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

S.No.	MONTH	SPM	RPM	SO ₂	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	358.5	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	

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

S.No.	MONTH	SPM	RPM	SO ₂	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	

(TA7) 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)