

J.K. Cement WORKS, NIMBAHERA (RAJ)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Core zone)

(KA1) Location :- Near Mine Office

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	331.0	46.0	14.0	26.0	600.0	
2	November '15	325.0	41.0	11.0	22.0	500.0	
3	December'15	317.0	38.0	10.2	23.2	600.0	
4	January'16	328.0	45.0	13.0	24.0	600.0	
5	February'16	333.0	47.0	12.0	25.0	629.8	
6	March'16	323.0	44.0	11.8	22.4	801.5	

(KA2) Location :- Near Ravana Office

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	

(KA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO2	NOx	CO	Remarks
1	October'15	403.0	54.0	12.7	24.0	500.0	
2	November '15	396.0	57.0	17.0	34.0	600.0	
3	December'15	386.0	53.0	16.0	30.0	600.0	
4	January'16	397.0	56.0	18.0	32.0	600.0	
5	February'16	421.0	55.0	15.0	28.0	744.3	
6	March'16	409.0	53.7	16.6	31.0	515.3	

(KA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	380.0	49.0	15.0	30.0	600.0	
2	November '15	368.0	51.0	13.2	24.6	600.0	
3	December'15	359.0	48.5	11.0	21.0	600.0	
4	January'16	371.0	52.0	14.0	26.0	700.0	
5	February'16	383.0	47.0	10.0	20.0	572.5	
6	March'16	377.0	50.0	12.6	23.6	801.5	

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

J.K. Cement WORKS, NIMBAHERA (RAJ)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Buffer Zone)

(KA4) Location :- Near Ravana Office of MaliaKhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	353.0	50.0	16.4	28.0	600.0	
2	November '15	346.0	47.0	15.2	27.0	700.0	
3	December'15	360.0	49.3	13.2	26.5	700.0	
4	January'16	350.0	48.0	14.0	25.0	700.0	
5	February'16	371.0	51.0	17.0	29.0	801.5	
6	March'16	366.0	46.0	15.6	27.4	802	

(KA5) 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	

(KA6) Location :- Near Stacker transfer point of J.K.Nimbahera Plant

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	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	

(KA7) Location :- Near Mine Office -Tilakhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	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	

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