

J.K. Cement WORKS, NIMBAHERA (RAJ)

AMBIENT AIR QUALITY DATA

MALIAKHERA MINE (Core Zone)

(MA1) Location :- Near Mine Office

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	630	

(MA2) Location :- Near Ravana Office

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	

(MA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	389.0	53.0	18.4	30.6	700.0	
2	November '15	400.0	56.0	19.4	35.0	700.0	
3	December'15	392.0	51.0	16.6	28.0	650.0	
4	January'16	396.0	52.0	17.0	29.0	600.0	
5	February'16	412.0	54.0	20.4	37.0	572.5	
6	March'16	407.0	53.7	19.6	32.0	858.8	

(MA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	370.0	49.0	15.3	23.0	600.0	
2	November '15	367.0	48.0	17.0	29.0	600.0	
3	December'15	377.0	47.4	14.6	22.0	700.0	
4	January'16	383.0	50.0	15.0	20.0	700.0	
5	February'16	354.0	44.0	12.0	24.0	629.8	
6	March'16	350.0	48.4	13.6	25.6	687.0	

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

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AMBIENT AIR QUALITY DATA

Maliakhera MINE (Buffer Zone)

(MA4) Location :- Near Mine Office of Karunda Mine

S.No.	MONTH	SPM	RPM	SO ₂	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	

(MA5) 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	40.1	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	

(MA6) Location :- Main Security Gate of JKCW Nimbahera

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
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1	October'15	319.5	42.1	10.3	21.5	575.0	
2	November '15	324.7	41.6	10.0	20.8	650.0	
3	December'15	329.0	44.5	12.1	23.3	675.0	
4	January'16	316.5	42.1	12.4	22.8	600.0	
5	February'16	354.8	46.5	14.6	26.4	687.0	
6	March'16	327.7	42.6	12.2	23.0	715.6	

(MA7) Location :- Near Mine Water Pump of Nimbahera -Ahirpura Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	361.0	47.0	15.6	28.7	600.0	
2	November '15	356.0	51.0	14.6	26.1	700.0	
3	December'15	384.0	53.0	17.0	30.0	600.0	
4	January'16	378.0	50.0	16.0	29.0	600.0	
5	February'16	369.0	49.0	13.0	24.0	687.0	
6	March'16	372.0	52.0	15.4	27.3	858.8	

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