

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'14	373.99	46.00	15.99	19.97	664.00	
2	November'14	381.99	45.00	13.99	24.99	693.00	
3	December'14	361.00	47.00	15.02	26.00	656.00	
4	January'15	356.04	43.00	11.05	21.99	650.00	
5	February'15	314.97	40.00	13.38	24.02	500.00	
6	March'15	325.01	41.00	12.67	23.01	700.00	

(MA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	342.98	42.00	11.97	15.96	681.00	
2	November'14	338.99	43.00	11.00	21.05	675.00	
3	December'14	326.97	44.00	13.03	24.00	686.00	
4	January'15	320.98	41.00	10.03	19.02	650.00	
5	February'15	349.98	48.00	16.00	27.98	600.00	
6	March'15	360.00	46.00	14.64	26.97	650.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	417.01	49.00	11.03	14.05	728.00	
2	November'14	405.01	51.80	13.04	20.04	707.00	
3	December'14	410.05	50.70	10.67	21.76	719.00	
4	January'15	400.03	47.00	12.74	22.98	650.00	
5	February'15	390.02	59.00	15.44	24.99	600.00	
6	March'15	394.98	54.00	13.78	24.04	650.00	

(MA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	351.95	47.00	12.97	17.99	674.00	
2	November'14	350.00	49.00	17.03	27.02	645.00	
3	December'14	342.01	46.00	16.36	28.25	671.00	
4	January'15	336.00	40.00	18.68	30.40	650.00	
5	February'15	365.03	52.00	17.41	27.27	500.00	
6	March'15	378.00	49.01	19.56	28.95	600.00	

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'14	360.98	45.00	14.32	17.24	631.50	
2	November'14	344.96	46.00	16.77	30.03	642.00	
3	December'14	351.03	43.00	13.01	24.02	622.00	
4	January'15	366.98	48.00	15.38	26.73	650.00	
5	February'15	320.02	45.98	12.04	27.98	600.00	
6	March'15	329.99	44.00	14.43	25.03	600.00	

(MA5) Location :- Near Packing plant gate of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	336.80	41.90	10.70	13.40	561.80	
2	November'14	341.70	42.70	13.90	22.00	603.50	
3	December'14	336.70	42.80	12.90	24.10	633.80	
4	January'15	345.80	43.40	11.70	23.50	500.00	
5	February'15	366.30	55.40	14.00	28.70	700.00	
6	March'15	345.84	47.70	13.60	24.80	600.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	328.80	39.50	10.10	13.20	637.50	
2	November'14	332.10	40.70	10.90	20.60	621.00	
3	December'14	328.76	40.00	11.00	22.10	642.00	
4	January'15	370.40	49.00	13.40	24.80	550.00	
5	February'15	330.80	46.50	10.40	24.10	500.00	
6	March'15	334.50	44.20	10.13	21.20	550.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	339.99	45.60	14.00	16.97	652.00	
2	November'14	325.02	42.00	11.04	21.97	681.00	
3	December'14	333.01	41.00	12.74	23.16	692.00	
4	January'15	355.97	47.00	14.78	25.59	650.00	
5	February'15	314.98	52.00	11.18	20.41	600.00	
6	March'15	322.02	44.00	13.75	24.79	650.00	

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