

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	April'15	320.04	44.00	11.90	24.97	500.00	
2	May '15	334.97	46.00	14.04	27.00	500.00	
3	June'15	330.01	40.00	9.38	18.68	500.00	
4	July'15	300.99	37.00	7.97	17.04	500.00	
5	August'15	315.03	41.00	10.65	21.05	500.00	
6	September'15	310.00	43.00	12.62	22.99	600.00	

(MA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	354.99	49.00	15.68	29.00	600.00	
2	May '15	365.03	51.00	11.77	26.02	600.00	
3	June'15	359.03	45.00	12.35	23.59	700.00	
4	July'15	323.98	43.00	10.67	19.98	600.00	
5	August'15	348.03	46.00	13.78	23.95	700.00	
6	September'15	351.03	48.00	14.58	24.99	700.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	425.00	55.00	17.65	32.05	550.00	
2	May '15	430.99	53.00	16.37	30.00	700.00	
3	June'15	401.01	49.00	15.06	26.84	600.00	
4	July'15	375.02	47.00	11.18	21.97	500.00	
5	August'15	410.02	48.00	15.83	26.00	600.00	
6	September'15	396.99	50.00	17.41	27.02	500.00	

(MA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	369.02	53.00	16.87	26.45	600.00	
2	May '15	373.00	50.00	15.57	28.04	600.00	
3	June'15	361.99	47.00	13.63	24.57	550.00	
4	July'15	339.99	45.00	14.16	23.05	600.00	
5	August'15	365.03	44.00	12.65	24.99	550.00	
6	September'15	360.01	46.00	13.11	24.19	700.00	

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

J.K. Cement WORKS, NIMBAHERA (RAJ)

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	April'15	314.99	39.00	11.55	22.97	600.00	
2	May '15	323.00	42.00	13.23	24.71	500.00	
3	June'15	309.99	39.00	9.04	20.04	600.00	
4	July'15	303.05	33.00	7.84	14.97	600.00	
5	August'15	310.98	40.00	9.98	21.05	600.00	
6	September'15	320.99	43.00	12.65	23.99	500.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	342.50	47.00	11.30	22.70	700.00	
2	May '15	348.00	48.90	15.20	25.30	700.00	
3	June'15	319.80	41.00	12.30	23.30	700.00	
4	July'15	329.70	41.50	11.40	21.30	700.00	
5	August'15	310.50	41.40	10.90	22.50	700.00	
6	September'15	344.80	46.90	12.60	24.40	650.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
-------	-------	-----	-----	-----------------	-----	----	---------

1	April'15	334.00	45.30	9.80	22.20	600.00	
2	May '15	328.30	42.00	8.80	19.80	700.00	
3	June'15	310.30	40.20	9.90	19.80	700.00	
4	July'15	307.50	38.70	12.40	22.20	500.00	
5	August'15	321.00	41.10	10.10	19.90	600.00	
6	September'15	316.50	41.30	10.30	21.70	550.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	377.95	53.00	14.71	27.95	500.00	
2	May '15	356.97	48.00	15.65	26.01	600.00	
3	June'15	344.98	44.00	13.21	23.96	600.00	
4	July'15	331.98	40.00	12.20	23.01	600.00	
5	August'15	353.01	46.00	14.19	25.01	600.00	
6	September'15	341.03	43.00	13.71	27.00	600.00	

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