

J.K. Cement WORKS, NIMBAHERA (RAJ)

AMBIENT AIR QUALITY DATA

NIMBAHERA - AHIRPURA MINE (Core Zone)

(NA1) Location :- Near Mine Gate

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	357.0	51.8	13.4	25.9	500.0	
2	May '15	329.9	41.5	12.6	22.9	700.0	
3	June'15	317.7	40.5	9.3	21.2	700.0	
4	July'15	297.3	38.4	12.6	22.9	600.0	
5	August'15	338.3	44.4	11.9	21.3	700.0	
6	September'15	311.2	41.6	9.1	19.3	600.0	

(NA2) Location :- Near Mine Water Pump

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	378.0	53.0	14.7	28.0	500.0	
2	May '15	357.0	48.0	15.7	26.0	600.0	
3	June'15	345.0	44.0	13.2	24.0	600.0	
4	July'15	332.0	40.0	12.2	23.0	600.0	
5	August'15	353.0	46.0	14.2	25.0	600.0	
6	September'15	341.0	43.0	13.7	27.0	600.0	

(NA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	439.0	55.0	18.2	29.6	700.0	
2	May '15	421.0	50.0	17.5	28.1	700.0	
3	June'15	405.0	47.0	15.2	26.0	650.0	
4	July'15	370.0	45.0	14.7	27.0	700.0	
5	August'15	392.0	49.0	16.6	30.0	650.0	
6	September'15	385.0	46.0	15.8	28.6	700.0	

(NA8) Location :- Near Loading Point

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

1	April'15	363.0	46.0	16.6	27.2	600.0	
2	May '15	360.0	44.0	14.0	24.0	600.0	
3	June'15	351.0	42.0	12.0	22.0	500.0	
4	July'15	342.0	41.0	11.0	25.0	500.0	
5	August'15	371.0	47.0	13.0	23.0	500.0	
6	September'15	354.0	49.0	12.0	24.6	600.0	

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

J.K. Cement WORKS, NIMBAHERA (RAJ)

AMBIENT AIR QUALITY DATA

NIMBAHERA - AHIRPURA MINE (Buffer Zone)

(NA4) Location :- Near Ravana Office of MaliaKhera Mine

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	

(NA5) 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	

(NA6) 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	

(NA7) Location :- Near New J.K.Factory Gate Nimbahera Plant

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	347.3	46.8	12.2	23.1	500.0	
2	May '15	344.0	46.0	11.0	21.2	600.0	
3	June'15	331.8	42.9	10.8	21.8	500.0	
4	July'15	319.8	41.2	13.2	23.2	500.0	
5	August'15	337.2	43.1	12.0	22.6	600.0	
6	September'15	340.3	44.9	12.3	23.9	500.0	

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