

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	October'14	351.62	47.40	7.55	10.20	625.00	
2	November'14	347.87	45.70	13.15	23.90	640.00	
3	December'14	363.00	46.40	14.20	25.90	679.00	
4	January'15	309.77	38.20	9.02	19.59	650.00	
5	February'15	389.72	58.50	13.84	29.70	700.00	
6	March'15	363.51	51.40	14.69	23.22	650.00	

(NA2) Location :- Near Mine Water Pump

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	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	432.04	51.00	16.04	21.05	673.00	
2	November'14	418.03	49.00	14.98	25.01	711.00	
3	December'14	426.96	52.00	17.43	28.54	727.00	
4	January'15	437.04	54.00	18.88	29.59	650.00	
5	February'15	405.01	60.00	16.41	25.86	600.00	
6	March'15	417.00	51.00	17.78	29.99	650.00	

(NA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	383.97	52.00	13.04	16.01	632.00	
2	November'14	391.99	51.00	13.99	27.02	618.00	
3	December'14	377.00	49.00	12.75	24.77	627.00	
4	January'15	368.03	45.00	13.88	27.62	650.00	
5	February'15	350.04	48.00	15.01	26.82	600.00	
6	March'15	361.02	53.00	14.72	25.37	650.00	

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	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	

(NA5) 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	

(NA6) 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	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'14	338.90	44.50	11.70	15.00	649.30	
2	November'14	355.50	43.50	13.10	23.00	648.80	
3	December'14	353.00	43.20	13.80	25.20	659.00	
4	January'15	342.50	44.80	11.80	21.90	550.00	
5	February'15	335.50	49.50	11.20	26.70	600.00	
6	March'15	356.20	46.50	12.00	22.10	500.00	

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