

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'14	364.40	44.30	8.90	14.00	612.00	
2	May'14	381.90	50.10	10.30	16.20	675.00	
3	June'14	320.50	39.30	10.60	17.20	650.00	
4	July'14	312.70	39.20	7.60	9.70	634.00	
5	August'14	310.30	37.30	8.00	10.80	611.00	
6	September'14	287.90	35.00	7.60	10.20	632.00	

(NA2) Location :- Near Mine Water Pump

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	357.40	50.50	11.20	22.80	655.00	
2	May'14	332.50	45.50	8.90	14.70	662.00	
3	June'14	370.00	54.00	9.30	18.60	690.00	
4	July'14	355.00	52.00	13.40	21.50	680.00	
5	August'14	349.00	48.00	12.00	20.80	676.00	
6	September'14	337.00	43.00	10.00	15.00	662.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	475.10	56.50	13.10	26.80	683.00	
2	May'14	467.50	54.00	13.50	24.80	740.00	
3	June'14	442.00	52.00	11.00	20.00	705.00	
4	July'14	380.00	55.00	12.00	19.00	695.00	
5	August'14	422.00	53.00	14.00	22.00	700.00	
6	September'14	402.00	50.00	13.00	19.00	691.00	

(NA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	363.70	39.80	9.70	24.50	642.00	
2	May'14	405.00	45.00	16.30	31.80	649.00	
3	June'14	390.00	48.00	13.00	22.00	670.00	
4	July'14	360.00	46.00	11.03	17.00	650.00	
5	August'14	372.00	50.00	15.00	19.00	625.00	
6	September'14	367.00	48.00	11.00	13.00	610.00	

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	April'14	345.10	40.60	10.00	26.40	654.50	
2	May'14	315.00	38.00	8.00	15.00	630.00	
3	June'14	329.00	41.00	9.70	17.20	648.00	
4	July'14	370.00	52.00	10.80	16.00	655.00	
5	August'14	352.20	48.00	11.00	18.00	672.00	
6	September'14	337.00	38.00	10.00	14.00	662.00	

(NA5) Location :- Near Canteen of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	324.10	41.90	9.30	12.30	659.00	
2	May'14	331.00	42.00	9.50	13.30	637.50	
3	June'14	349.80	45.40	10.00	15.20	668.80	
4	July'14	309.30	39.10	8.40	13.90	627.50	
5	August'14	335.30	42.40	10.70	16.40	633.50	
6	September'14	321.20	39.00	8.30	11.30	631.00	

(NA6) Location :- Near Mine Office of Karunda Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	337.80	44.80	10.50	24.80	605.00	
2	May'14	350.50	48.50	12.00	20.00	630.00	
3	June'14	362.00	46.90	11.40	22.50	621.00	
4	July'14	340.00	43.00	10.20	21.00	629.00	
5	August'14	355.00	47.00	12.50	22.00	625.00	
6	September'14	349.00	42.00	13.70	16.80	618.00	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	348.40	46.90	11.10	15.60	647.00	
2	May'14	357.80	46.20	10.00	15.30	646.80	
3	June'14	350.20	44.70	9.90	14.90	672.00	
4	July'14	334.70	44.90	9.00	12.40	629.30	
5	August'14	356.50	43.00	10.80	15.00	667.80	
6	September'14	344.50	42.80	12.20	15.60	666.00	

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