

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'15	317.7	45.1	10.6	19.27	600.0	
2	November '15	347.6	43.5	9.1	19.35	600.0	
3	December'15	364.2	46.7	15.0	31.4	700.0	
4	January'16	361.5	48.0	14.2	26.5	700.0	
5	February'16	353.8	41.3	9.1	19.3	572.5	
6	March'16	346.3	43.7	15.0	31.4	744.3	

(NA2) Location :- Near Mine Water Pump

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	361.0	47.0	15.6	28.7	600.0	
2	November '15	356.0	51.0	14.6	26.1	700.0	
3	December'15	384.0	53.0	17.0	30.0	600.0	
4	January'16	378.0	50.0	16.0	29.0	600.0	
5	February'16	369.0	49.0	13.0	24.0	687.0	
6	March'16	372.0	52.0	15.4	27.3	858.8	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	398.0	52.0	17.3	29.0	700.0	
2	November '15	396.0	54.0	18.0	31.0	600.0	
3	December'15	410.0	56.0	20.0	35.0	650.0	
4	January'16	421.0	55.0	19.0	33.0	700.0	
5	February'16	404.0	53.0	16.0	30.0	801.5	
6	March'16	417.0	56.6	18.4	36.0	629.8	

(NA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
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1	October'15	337.0	49.0	14.6	26.6	600.0	
2	November '15	365.0	48.0	15.1	25.2	500.0	
3	December'15	348.0	45.0	13.2	24.8	600.0	
4	January'16	340.0	44.0	12.0	23.0	600.0	
5	February'16	380.0	51.0	10.8	20.7	629.8	
6	March'16	391.0	54.0	16.7	31.0	687.0	

Note : ALL VALUES IN MICROGRAMS / CUBIC METER ($\mu\text{g}/\text{M}^3$)

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'15	353.0	50.0	16.4	28.0	600.0	
2	November '15	346.0	47.0	15.2	27.0	700.0	
3	December'15	360.0	49.3	13.2	26.5	700.0	
4	January'16	350.0	48.0	14.0	25.0	700.0	
5	February'16	371.0	51.0	17.0	29.0	801.5	
6	March'16	366.0	46.0	15.6	27.4	802	

(NA5) Location :- Near Packing plant gate of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	320.2	40.1	9.5	19.6	600.0	
2	November '15	313.5	41.2	10.7	21.9	650.0	
3	December'15	313.3	40.1	10.0	20.0	625.0	
4	January'16	345.8	44.8	13.8	24.6	650.0	
5	February'16	364.2	47.9	16.3	28.7	715.6	
6	March'16	319.2	41.5	10.1	20.8	744.3	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	331.0	46.0	14.0	26.0	600.0	

2	November '15	325.0	41.0	11.0	22.0	500.0	
3	December'15	317.0	38.0	10.2	23.2	600.0	
4	January'16	328.0	45.0	13.0	24.0	600.0	
5	February'16	333.0	47.0	12.0	25.0	629.8	
6	March'16	323.0	44.0	11.8	22.4	801.5	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	October'15	352.3	45.9	11.7	24.8	650.0	
2	November '15	342.7	43.8	11.3	22.6	650.0	
3	December'15	345.7	46.7	14.0	26.4	550.0	
4	January'16	337.2	44.5	14.1	24.9	525.0	
5	February'16	340.8	44.3	11.7	23.8	687.0	
6	March'16	347.5	46.4	12.7	24.4	629.8	

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