

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'14	398.20	47.40	12.10	24.40	616.00	
2	May'14	370.00	43.00	10.80	18.50	650.50	
3	June'14	388.00	46.00	11.40	20.80	689.00	
4	July'14	330.00	45.00	8.50	13.40	610.00	
5	August'14	375.00	44.00	9.00	15.00	680.00	
6	September'14	368.00	40.00	13.00	18.00	642.00	

(MA2) Location :- Near Ravana Office

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	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	429.10	50.80	14.70	30.40	630.50	
2	May'14	400.00	48.00	12.50	22.40	690.00	
3	June'14	431.00	51.00	13.80	25.80	671.00	
4	July'14	415.00	55.00	11.60	18.40	685.00	
5	August'14	425.40	50.00	12.00	20.00	695.00	
6	September'14	397.00	48.00	9.00	12.00	711.00	

(MA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	359.00	45.80	11.50	27.60	629.50	
2	May'14	335.00	51.00	14.00	25.00	670.50	
3	June'14	347.00	53.00	16.00	28.00	662.00	
4	July'14	352.00	48.00	12.00	26.50	675.00	
5	August'14	362.00	52.00	14.00	23.00	634.00	
6	September'14	348.00	45.00	11.00	16.00	650.00	

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

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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'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	

(MA5) 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	

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

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'14	368.90	49.80	12.30	17.30	685.80	
2	May'14	381.00	51.50	10.40	16.40	684.50	
3	June'14	331.00	41.50	9.30	13.90	636.50	
4	July'14	355.00	47.90	10.10	13.50	648.30	
5	August'14	345.50	41.00	10.40	13.40	619.30	
6	September'14	329.70	37.80	11.00	14.10	643.00	

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

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	

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