

J.K. Cement WORKS, NIMBAHERA (RAJ)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Core zone)

(KA1) Location :- Near Mine Office

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
1	April'16	326.0	42.0	10.6	21.4	801.5	
2	May '16	332.0	43.2	12.1	21.1	802	
3	June'16	310.0	39.0	9.2	18.6	858.8	
4	July'16	270.0	33.0	8.5	19.6	572.5	
5	August'16	169.0	20.6	7.1	15.1	229.0	
6	September'16	222.0	30.0	6.8	14.6	572.5	

(KA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
1	April'16	371.0	50.0	15.7	27.0	687.0	
2	May '16	380.0	52.6	17.8	29.6	858.8	
3	June'16	356.0	47.0	14.4	25.6	973.3	
4	July'16	305.0	38.0	11.9	21.4	515.3	
5	August'16	211.0	26.0	10.1	18.0	343.5	
6	September'16	269.0	35.0	9.8	20.7	458.0	

(KA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
1	April'16	400.0	54.5	17.4	30.5	916.0	
2	May '16	413.0	57.2	19.6	33.2	916.0	
3	June'16	383.0	50.0	16.6	29.6	629.8	
4	July'16	310.0	45.0	14.0	24.1	744.3	
5	August'16	226.0	39.0	12.0	21.0	400.8	
6	September'16	325.0	46.0	13.0	26.7	515.3	

(KA8) Location :- Near Loading Point

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
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1	April'16	357.0	48.0	13.4	25.0	687.0	
2	May '16	365.0	49.7	15.3	26.2	973.3	
3	June'16	344.0	45.0	12.4	23.4	973.3	
4	July'16	290.0	40.0	10.8	22.0	400.8	
5	August'16	189.0	31.0	11.0	20.0	286.3	
6	September'16	248.0	33.7	8.2	17.0	629.8	

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

J.K. Cement WORKS, NIMBAHERA (RAJ)

ENVIRONMENTAL QUALITY DATA

KARUNDA MINE (Buffer Zone)

(KA4) Location :- Near Ravana Office of MaliaKhera Mine

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	361.0	52.0	18.0	36.0	1030.5	
2	May '16	369.0	49.4	20.2	37.8	629.8	
3	June'16	350.0	48.0	14.8	27.6	916.0	
4	July'16	315.0	45.0	12.4	23.6	916.0	
5	August'16	208.0	34.0	9.6	16.1	286.3	
6	September'16	304.0	40.0	11.4	22.4	401	

(KA5) Location :- Near Packing plant gate of J.K Mangrol Plant

S.No.	MONTH	SPM	RSPM	SO2	NOx	CO	Remarks
1	April'16	356.0	46.8	15.2	26.8	801.5	
2	May '16	362.5	45.2	12.4	23.3	863.5	
3	June'16	316.0	40.1	10.8	24.7	658.4	
4	July'16	268.3	36.1	8.1	16.3	653.6	
5	August'16	188.2	27.7	6.3	12.3	300.6	
6	September'16	257.3	38.2	9.0	19.1	601.1	

(KA6) Location :- Near Stacker transfer point of J.K.Nimbahera Plant

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
1	April'16	372.0	48.2	14.1	25.7	772.9	
2	May '16	393.8	51.2	16.6	32.2	715.6	
3	June'16	340.0	45.8	14.4	26.6	758.6	
4	July'16	347	47.3	15.4	27.7	672.7	
5	August'16	229.3	35.5	8.8	16.6	300.6	
6	September'16	340.7	45.9	14.1	28.4	601.1	

(KA7) Location :- Near Mine Office -Tilakhera Mine

S.No.	MONTH	SPM	RSPM	SO ₂	NO _x	CO	Remarks
1	April'16	322.0	42.0	10.8	22.0	687.0	
2	May '16	343.0	43.6	11.2	23.7	973.3	
3	June'16	330.0	40.0	12.6	24.8	744.3	
4	July'16	290.0	36.0	9.6	19.0	629.8	
5	August'16	164.0	29.2	6.2	15.5	343.5	
6	September'16	256.0	34.0	8.6	17.7	515.3	

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

J.K. Cement Works, Nimbahera

Karunda Limestone Mine

Blast Vibration report

From April-16 to September-16

Sr.No.	Date	Peak Partical Velocity	Frequency
1	03.04.2016	1.31	39
2	07.04.2016	1.84	85
3	09.04.2016	3.61	64
4	09.05.2016	1.65	57
5	12.05.2016	4.33	47
6	21.05.2016	1.46	85
7	03.06.2016	2.53	85

8	05.06.2016	3.47	26
9	09.06.2016	2.93	64
10	02.07.2016	2.21	37
11	03.07.2016	4.99	32
12	16.08.2016	3.75	57
13	27.08.2016	1.71	>100
14	02.09.2016	2.62	28
15	04.09.2016	2.95	51
16	12.09.2016	1.6	24
17	18.09.2016	2.56	37
18	20.09.2016	1.53	>100
19	23.09.2016	2.57	73
20	24.09.2016	1.88	51