

J.K. Cement WORKS, MANGROL (RAJ)

AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Core Zone)

(TA1) Location :- Near Mine Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	324.99	43.00	9.96	22.03	500.00	
2	May '15	317.00	46.00	12.42	23.65	600.00	
3	June'15	322.03	41.00	8.69	17.18	550.00	
4	July'15	309.97	40.00	9.39	17.96	500.00	
5	August'15	320.02	42.00	11.68	23.03	550.00	
6	September'15	301.98	38.00	13.57	24.99	600.00	

(TA2) Location :- Near Ravana Office

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	361.98	47.00	12.64	24.95	600.00	
2	May '15	370.02	49.00	13.23	27.24	700.00	
3	June'15	354.98	46.00	10.88	21.83	600.00	
4	July'15	339.99	44.00	11.66	22.99	600.00	
5	August'15	351.02	45.00	14.19	25.96	600.00	
6	September'15	338.03	42.00	16.19	27.78	700.00	

(TA3) Location :- 3 to 10 Meter Distance From Drilling Operation

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	432.01	50.00	18.40	32.95	600.00	
2	May '15	419.99	53.00	15.28	29.02	600.00	
3	June'15	390.05	47.00	12.68	23.97	600.00	
4	July'15	382.96	46.00	14.21	25.01	600.00	
5	August'15	397.04	48.00	15.95	27.98	600.00	
6	September'15	401.00	49.00	17.89	30.02	700.00	

(TA8) Location :- Near Loading Point.

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'15	372.01	52.00	15.27	27.02	700.00	
2	May '15	362.99	48.00	14.65	24.97	700.00	
3	June'15	348.01	43.00	11.24	22.89	700.00	
4	July'15	350.97	49.00	13.66	23.95	700.00	
5	August'15	369.04	51.00	15.97	29.96	700.00	
6	September'15	357.97	56.00	15.02	22.99	600.00	

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

J.K. Cement WORKS, MANGROL (RAJ)

AMBIENT AIR QUALITY DATA

TILAKHERA MINE(Buffer Zone)

(TA4) Location :- Near Packing plant gate of J.K Mangrol Plant

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'15	342.50	47.00	11.30	22.70	700.00	
2	May '15	348.00	48.90	15.20	25.30	700.00	
3	June'15	319.80	41.00	12.30	23.30	700.00	
4	July'15	329.70	41.50	11.40	21.30	700.00	
5	August'15	310.50	41.40	10.90	22.50	700.00	
6	September'15	344.80	46.90	12.60	24.40	650.00	

(TA5) Location :- Near Stacker Transfer point of JKCW Nimbahera

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
1	April'15	363.50	51.20	13.50	25.50	600.00	
2	May '15	357.90	49.60	13.90	24.40	500.00	
3	June'15	347.80	47.80	12.10	25.20	500.00	
4	July'15	334.80	45.20	16.00	27.20	500.00	
5	August'15	359.50	47.10	14.30	25.70	700.00	
6	September'15	361.00	46.80	13.00	26.80	650.00	

(TA6) Location :- Near Ravana Office of Karunda Mine

S.No.	MONTH	SPM	RPM	SO ₂	NO _x	CO	Remarks
-------	-------	-----	-----	-----------------	-----------------	----	---------

1	April'15	370.01	49.00	14.56	25.01	600.00	
2	May '15	360.04	50.00	16.24	26.98	600.00	
3	June'15	344.97	44.00	11.02	22.01	600.00	
4	July'15	333.98	42.00	10.03	21.00	600.00	
5	August'15	347.00	43.00	11.97	24.01	600.00	
6	September'15	357.03	48.00	15.44	25.98	600.00	

(TA7) Location :- Near Mine Office of Maliakhera Mine

S.No.	MONTH	SPM	RPM	SO ₂	NOx	CO	Remarks
1	April'15	320.04	44.00	11.90	24.97	500.00	
2	May '15	334.97	46.00	14.04	27.00	500.00	
3	June'15	330.01	40.00	9.38	18.68	500.00	
4	July'15	300.99	37.00	7.97	17.04	500.00	
5	August'15	315.03	41.00	10.65	21.05	500.00	
6	September'15	310.00	43.00	12.62	22.99	600.00	

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