

MONTH – April 2014

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM₁₀ (µg/m³)	Avg. PM_{2.5} (µg/m³)	Avg. SO₂ (µg/m³)	Avg. NO_x (µg/m³)	Avg. CO (µg/m³)
Khairtal Village	57.7	29.7	10.1	8.9	BDL
Kukurdi Village	62.2	30.2	10.2	8.8	BDL
Guest House	70.7	34.5	11.2	12.7	BDL
Water Treatment Plant	87.8	42.0	13.4	13.6	BDL
Mines Field Office	95.8	47.4	15.1	18.7	BDL
Railway Operation	92.7	45.6	14.0	16.2	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	6.0
Crusher Stack (Line- 1)	16.2
Cooler (Line- 1)	23.8
Coal Mill (Line- 1)	26.4
Cement Mill – 1	24.5
Cement Mill – 2	10.8
Cement VRPM stack	23.5
Cement Mill- 3	11.6
Kiln Stack (Line- 2)	8.0
Crusher Stack (Line- 2)	35.6
Coal Mill (Line- 2)	21.9
Cooler (Line- 2)	9.7
DG - 04 MW	Didn't run in the month
DG - 10 MW	Didn't run in the month
TPP- 15 MW (Old)	Didn't run in the month
TPP- 33 MW	31.0
TPP- 15 MW (New)	27.1

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)
Plant Canteen Area	54.7
Colony	47.6
Near CCR Building	71.7
Mines Field Office	66.7
Mines Office	59.8
TPP area	65.6
Main office	58.4

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.6	52	16	Nil	28	453	
Mines Work Shop (treated)	7.5	36	14	2.4	19	287	
TPP DM Plant back wash (RO installed)	5.9	Nil	Nil	Nil	0	38	

Note: All parameters are in mg/lt except pH.

ENV/EMR