

MONTH – AUGUST 2013

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM₁₀ (µg/m³)	Avg. PM_{2.5} (µg/m³)	Avg. SO₂ (µg/m³)	Avg. NOx (µg/m³)	Avg. CO (µg/m³)
Khairtal Village	30.3	16.2	8.7	8.9	BDL
Kukurdih Village	28.6	16.0	8.0	7.2	BDL
Guest House	27.4	17.2	7.9	9.0	BDL
Water Treatment Plant	37.3	22.6	9.2	12.4	BDL
Mines Field Office	47.6	28.0	10.1	14.0	BDL
Railway Operation	42.8	25.9	9.2	12.2	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	4.9
Crusher Stack (Line- 1)	15.8
Cooler (Line- 1)	20.6
Coal Mill (Line- 1)	35.4
Cement Mill – 1	Didn't run in the month
Cement Mill – 2	17.6
Cement VRPM stack	10.8
Cement Mill- 3	21.5
Kiln Stack (Line- 2)	8.7
Crusher Stack (Line- 2)	17.1
Coal Mill (Line- 2)	14.2
Cooler (Line- 2)	14.4
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	35.1
TPP- 15 MW (New)	21.4

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)
Plant Canteen Area	65.3
Colony	47.0
Near CCR Building	68.1
Mines Field Office	66.8
Mines Office	59.6
TPP area	70.9
Main office	59.0

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.4	28	12	0.1	19	398	
Mines Work Shop (treated)	7.3	24	10	2.9	20	218	
TPP DM Plant back wash (RO installed)	7.2	Nil	Nil	Nil	0	43	

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