

MONTH – MARCH 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	60.8	28.6	9.8	8.6	BDL
Kukurdihi Village	68.0	30.1	10.1	9.7	BDL
Guest House	66.6	33.3	11.0	11.9	BDL
Water Treatment Plant	80.3	41.1	11.5	13.1	BDL
Mines Field Office	87.8	44.0	13.6	16.1	BDL
Railway Operation	82.8	42.3	11.5	12.9	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	7.2
Crusher Stack (Line- 1)	12.4
Cooler (Line- 1)	34.4
Coal Mill (Line- 1)	21.5
Cement Mill – 1	28.8
Cement Mill – 2	12.6
Cement VRPM stack	19.5
Cement Mill- 3	14.1
Kiln Stack (Line- 2)	6.1
Crusher Stack (Line- 2)	20.5
Coal Mill (Line- 2)	14.0
Cooler (Line- 2)	13.0
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	39.3
TPP- 15 MW (New)	21.3

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)
Plant Canteen Area	61.2
Colony	44.7
Near CCR Building	70.3
Mines Field Office	68.2
Mines Office	51.3
TPP area	70.8
Main office	59.0

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.4	48	16	Nil	26	421	
Mines Work Shop (treated)	7.4	40	14	2.7	21	276	
TPP DM Plant back wash (RO installed)	6.3	Nil	Nil	Nil	0	35	

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