

MONTH – February 2015

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	39.7	33.8	7.9	8.4	BDL
Kukurdihi Village	41.3	28.9	7.14	9.3	BDL
Guest House	42.8	26.2	7.9	8.4	BDL
Water Treatment Plant	54.1	37.3	10.8	12.7	BDL
Mines Field Office	54.9	34.7	9.74	14.3	BDL
Railway Operation	56.1	33.7	8.68	12.9	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	7.1
Crusher Stack (Line- 1)	10.4
Cooler (Line- 1)	10.2
Coal Mill (Line- 1)	18.1
Cement Mill – 1	27.9
Cement Mill – 2	10.9
Cement VRPM stack	8.2
Cement Mill- 3	28.9
Kiln Stack (Line- 2)	5.6
Crusher Stack (Line- 2)	6.2
Coal Mill (Line- 2)	22
Cooler (Line- 2)	18.4
DG – 04 MW	Didn't Run in the month
DG – 10 MW	Didn't Run in the month
TPP- 15 MW (Old)	31.7
TPP- 33 MW	35.6
TPP- 15 MW (New)	Didn't Run in the month

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	66.8	64.2
Colony	49.5	47.6
Near Old CCR Building	69.2	68.4
Near New CCR Building	68.8	67.8
Mines Field Office	65.5	64.2
Mines Office	56	52
TPP area	64.2	63.4
Main office	59.8	57.4

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.75	32	14	Nil	32	392	
Mines Work Shop (treated)	7.80	30	12	1.6	26	358	
TPP DM Plant back wash (RO installed)	5.4	Nil	Nil	Nil	0	38	

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