

MONTH – January 2015

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM ₁₀ (µg/m ³)	Avg. PM _{2.5} (µg/m ³)	Avg. SO ₂ (µg/m ³)	Avg. NO _x (µg/m ³)	Avg. CO (µg/m ³)
Khairtal Village	34.0	29.45	9.51	8.57	BDL
Kukurdih Village	33.4	28.61	9.14	8.93	BDL
Guest House	40.5	30.21	10.45	10.36	BDL
Water Treatment Plant	45.9	32.14	12.46	12.1	BDL
Mines Field Office	45.7	32.74	12.74	9.99	BDL
Railway Operation	46.2	31.55	12.74	11.81	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	15.5
Crusher Stack (Line- 1)	17.6
Cooler (Line- 1)	26.1
Coal Mill (Line- 1)	19.6
Cement Mill – 1	31.7
Cement Mill – 2	9
Cement VRPM stack	20.7
Cement Mill- 3	11.2
Kiln Stack (Line- 2)	5.9
Crusher Stack (Line- 2)	8.2
Coal Mill (Line- 2)	24.1
Cooler (Line- 2)	18.6
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	30.7
TPP- 15 MW (New)	34.4

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)
Plant Canteen Area	65.5
Colony	47.7
Near CCR Building	68.5
Mines Field Office	66.5
Mines Office	58
TPP area	65.8
Main office	58.8

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.41	36	16	Nil	29	414	
Mines Work Shop (treated)	7.55	34	14	1.7	24	346	
TPP DM Plant back wash (RO installed)	5.10	Nil	Nil	Nil	0	29	

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