

MONTH – August 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	29.98	17.52	7.62	7.45	BDL
Kukurdihi Village	28.69	18.9	7.06	7.81	BDL
Guest House	31.39	19.32	8.23	10.4	BDL
Water Treatment Plant	40.22	24.05	9.33	10.29	BDL
Mines Field Office	41.72	28.57	9.41	12.08	BDL
Railway Operation	37.71	22.52	8.69	11.33	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	5.6
Crusher Stack (Line- 1)	6.0
Cooler (Line- 1)	24.6
Coal Mill (Line- 1)	14.2
Cement Mill – 1	30.8
Cement Mill – 2	4.6
Cement VRPM stack	7.8
Cement Mill- 3	8.3
Kiln Stack (Line- 2)	4.8
Crusher Stack (Line- 2)	5.2
Coal Mill (Line- 2)	23.3
Cooler (Line- 2)	5.3
DG – 04 MW	Didn't Run in the month
DG – 10 MW	Didn't Run in the month
TPP- 15 MW (Old)	20.6
TPP- 33 MW	36.8
TPP- 15 MW (New)	37.9

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	65.6	65.1
Colony	47.9	47.5
Near Old CCR Building	67.4	66.9
Near New CCR Building	69.1	68.7
Mines Field Office	66.3	65.9
Mines Office	63.2	62.9
TPP area	68.2	67.8
Main office	65.8	65.3

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.28	38.4	8	<0.04	6	614	
Mines Work Shop (treated)	7.06	76.8	5	<0.04	30	834	
TPP DM Plant back wash (RO installed)	8.69	96	3	<0.04	2.4	633.6	

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