

MONTH – July 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	37.02	22.28	7.64	8.43	BDL
Kukurdihi Village	39.03	21.13	8.14	8.52	BDL
Guest House	43.31	26.03	8.52	9.5	BDL
Water Treatment Plant	43.48	28.84	9.43	10.4	BDL
Mines Field Office	42.97	28.12	8.57	10.8	BDL
Railway Operation	47.89	27.61	8.48	10.3	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	15
Crusher Stack (Line- 1)	6.4
Cooler (Line- 1)	26
Coal Mill (Line- 1)	29.9
Cement Mill – 1	26.9
Cement Mill – 2	4.5
Cement VRPM stack	7.3
Cement Mill- 3	9.2
Kiln Stack (Line- 2)	9.4
Crusher Stack (Line- 2)	4.1
Coal Mill (Line- 2)	22.3
Cooler (Line- 2)	7.3
DG – 04 MW	Didn't Run in the month
DG – 10 MW	Didn't Run in the month
TPP- 15 MW (Old)	22.9
TPP- 33 MW	37.1
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	63.9	63.5
Colony	48.2	47.5
Near Old CCR Building	68.1	67.7
Near New CCR Building	67.2	66.8
Mines Field Office	67.2	66.8
Mines Office	68.1	67.7
TPP area	69	68.6
Main office	56.4	56.9

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.14	38.4	8	<0.04	5	795	
Mines Work Shop (treated)	7.71	76.8	4	<0.04	5	820	
TPP DM Plant back wash (RO installed)	7.61	96	5	<0.01	16	550	

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

ENV/EMR