

MONTH – June-2016

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	78.6	24.9	10.5	20.9	BDL
Kukurdi Village	61.2	23.6	13.9	24.2	BDL
Guest House	69.9	34.2	8.54	11.3	BDL
Water Treatment Plant	52.3	28.4	7.69	8.76	BDL
Mines Field Office	63.5	18.6	9.73	23.6	BDL
Railway Operation	69.1	29.5	9.45	14.4	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	23.8
Crusher Stack (Line- 1)	28.6
Cooler (Line- 1)	28.2
Coal Mill (Line- 1)	28.7
Cement Mill – 1	24.4
Cement Mill – 2	25.8
Cement VRPM stack	24.3
Cement Mill- 3	25.2
Kiln Stack (Line- 2)	27.3
Crusher Stack (Line- 2)	27.5
Coal Mill (Line- 2)	27.6
Cooler (Line- 2)	27.9
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	40.7
TPP- 33 MW	38.4
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	65.7	64.4
Colony	47.7	46.3
Near Old CCR Building	66.7	65.8
Near New CCR Building	66.9	65.6
Mines Field Office	60.9	60.2
Mines Office	64.2	62.9
TPP area	64.2	62.9
Main office	63.2	62.3

WATER QUALITY REPORT

	EFFLUENT QUALITY						Remark
	pH	COD	BOD	Oil & Grease	S.S.	TDS	
STP (treated)	7.85	56	6	<0.2	36	692	
Mines Work Shop (treated)	7.86	48	4	0.2	14	458	
TPP DM Plant back wash (RO installed)	5.64	8	<2	<0.2	<2	12	

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