

MONTH –October-2016

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM₁₀ (µg/m³)	Avg. PM_{2.5} (µg/m³)	Avg. SO₂ (µg/m³)	Avg. NOx (µg/m³)	Avg. CO (µg/m³)
Khairtal Village	69.6	34	9.48	23.9	BDL
Kukurdihi Village	59.4	27.3	4.16	9.26	BDL
Guest House	58.6	27.3	7.18	22	BDL
Water Treatment Plant	57.1	24.6	5.45	14.6	BDL
Mines Field Office	60.1	26.6	5.06	8.18	BDL
Railway Operation	55.2	22.6	4.07	8.14	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm3)
Kiln Stack (Line- 1)	Plant under Shutdown
Crusher Stack (Line- 1)	Plant under Shutdown
Cooler (Line- 1)	Plant under Shutdown
Coal Mill (Line- 1)	Plant under Shutdown
Cement Mill – 1	26.3
Cement Mill – 2	20.5
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	21.7
Kiln Stack (Line- 2)	24.1
Crusher Stack (Line- 2)	26.8
Coal Mill (Line- 2)	15.5
Cooler (Line- 2)	10.6
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	Didn't Run in the month
TPP- 33 MW	34.2
TPP- 15 MW (New)	44.8

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	56.4	52.3
Colony	54.6	45.8
Near Old CCR Building	57	55.4
Near New CCR Building	66.4	61.9
Mines Field Office	59.4	49.9
Mines Office	61.2	50.3
TPP area	69.7	61.9
Main office	56.9	53.1

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.54	48	4	<0.2	6	877.7	
Mines Work Shop (treated)	7.45	112	5	<0.2	18	640.6	
TPP DM Plant back wash (RO installed)	5.55	24	<2	<0.2	<2	128.2	

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