

MONTH –February-2017

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM₁₀ (µg/m³)	Avg. PM_{2.5} (µg/m³)	Avg. SO₂ (µg/m³)	Avg. NO_x (µg/m³)	Avg. CO (µg/m³)
Khairtal Village	58	24.4	17.8	20.4	BDL
Kukurdihi Village	67.9	29.4	6.01	18.9	BDL
Guest House	62.6	26.7	12.1	20.9	BDL
Water Treatment Plant	69.4	29.8	15.8	23.6	BDL
Mines Field Office	64.7	26.7	5.52	19	BDL
Railway Operation	60.9	25.7	9.08	17.9	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	15.8
Crusher Stack (Line- 1)	28.1
Cooler (Line- 1)	28.6
Coal Mill (Line- 1)	28.6
Cement Mill – 1	25.5
Cement Mill – 2	28.5
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	27.1
Kiln Stack (Line- 2)	14.4
Crusher Stack (Line- 2)	25.6
Coal Mill (Line- 2)	22
Cooler (Line- 2)	23.8
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	28.9
TPP- 33 MW	27.7
TPP- 15 MW (New)	37.5

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	64.8	62.3
Colony	55	47.4
Near Old CCR Building	67.6	66.1
Near New CCR Building	66.8	64.2
Mines Field Office	63.4	52.3
Mines Office	63.5	55.2
TPP area	62.7	60.5
Main office	66.1	63.8

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.41	100.9	8	<0.2	2	270	
Mines Work Shop (treated)	7.33	64	4	<0.2	<2	320	
TPP DM Plant back wash (RO installed)	6.64	15.5	< 2	<0.2	<2	124	

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