

MONTH –March-2017

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	62.3	27.8	7.31	17.3	BDL
Kukurdihi Village	67.7	33.1	7.77	17.7	BDL
Guest House	57	21.1	11.6	22.7	BDL
Water Treatment Plant	56.2	24.2	12.7	19.6	BDL
Mines Field Office	66.6	28.9	15.1	22.9	BDL
Railway Operation	54.7	23.9	11.7	19.3	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	14.5
Crusher Stack (Line- 1)	22.4
Cooler (Line- 1)	24.7
Coal Mill (Line- 1)	22.9
Cement Mill – 1	21.9
Cement Mill – 2	23.7
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	21.9
Kiln Stack (Line- 2)	19.9
Crusher Stack (Line- 2)	26.6
Coal Mill (Line- 2)	20.4
Cooler (Line- 2)	26.2
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	33.1
TPP- 33 MW	19.4
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	64.7	58.6
Colony	50.8	45.1
Near Old CCR Building	71.4	70.2
Near New CCR Building	74	70.4
Mines Field Office	66.2	53.5
Mines Office	60.8	54.7
TPP area	68.1	67.5
Main office	65.5	63.4

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.17	56	7.5	<0.2	4	254	
Mines Work Shop (treated)	8.55	28	4.8	<0.2	2	528	
TPP DM Plant back wash (RO installed)	8.33	12	< 2	<0.2	<2	90	

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