

MONTH –June-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	48.6	26.4	8.2	15.4	BDL
Kukurdihi Village	46.2	36.4	10.5	18.6	BDL
Guest House	50.4	31.6	12.8	24.8	BDL
Water Treatment Plant	55.8	30.5	9.3	21.1	BDL
Mines Field Office	59.5	33	12.4	18.4	BDL
Railway Operation	62.9	30.8	14.1	20.8	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	12.8
Crusher Stack (Line- 1)	16.6
Cooler (Line- 1)	20.4
Coal Mill (Line- 1)	22.9
Cement Mill – 1	22.7
Cement Mill – 2	21
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	23.6
Kiln Stack (Line- 2)	10.4
Crusher Stack (Line- 2)	19.2
Coal Mill (Line- 2)	18.5
Cooler (Line- 2)	15.6
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	36.7
TPP- 33 MW	34.9
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	64.8	60.7
Colony	47.9	46.5
Near Old CCR Building	65.9	64.5
Near New CCR Building	66	64.8
Mines Field Office	65	63.5
Mines Office	61.2	59.8
TPP area	66.1	64.9
Main office	58.9	57.8

WATER QUALITY REPORT

<u>EFFLUENT QUALITY</u>							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.1	49.6	9	< 0.2	8	324	
Mines Work Shop (treated)	8.3	54.8	13	< 0.2	28	682	
TPP DM Plant back wash (RO installed)	7.4	10	< 2	< 0.2	< 2	49	

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