

MONTH –October-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	43.3	19.8	9.6	16	BDL
Kukurdi Village	47.8	22.5	8.4	15.9	BDL
Guest House	47.6	12.6	6.5	12.7	BDL
Water Treatment Plant	41.5	18.9	6.7	10.6	BDL
Mines Field Office	53	23.9	8.7	13.5	BDL
Railway Operation	36.9	16.9	10	16.8	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	9.21
Crusher Stack (Line- 1)	18.5
Cooler (Line- 1)	20
Coal Mill (Line- 1)	24.7
Cement Mill – 1	17.7
Cement Mill – 2	11.6
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	14.3
Kiln Stack (Line- 2)	9.76
Crusher Stack (Line- 2)	22.7
Coal Mill (Line- 2)	22.7
Cooler (Line- 2)	21.7
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	Didn't Run in the month
TPP- 33 MW	23.5
TPP- 15 MW (New)	36.5

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	63.8	62.6
Colony	53.6	47.4
Near Old CCR Building	70.4	67.3
Near New CCR Building	70.9	66.8
Mines Field Office	64.2	63.7
Mines Office	68.1	56.9
TPP area	69.4	65.5
Main office	64.2	63.7

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.67	36.1	3.10	< 0.2	2	598	
Mines Work Shop (treated)	7.7	28.1	3.10	< 0.2	< 2	278	
TPP DM Plant back wash (RO installed)	6.21	12	< 2	< 0.2	< 2	24	

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