

MONTH – February-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	44.16	23.04	8.03	8.55	BDL
KukurdiH Village	42.34	28.92	8.52	8.17	BDL
Guest House	47.53	31.05	8.4	9.02	BDL
Water Treatment Plant	61.98	42.30	11.83	11.89	BDL
Mines Field Office	54.59	42.56	9.48	11.66	BDL
Railway Operation	60.55	40.41	9.77	10.40	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm3)
Kiln Stack (Line- 1)	6.5
Crusher Stack (Line- 1)	7.9
Cooler (Line- 1)	14.9
Coal Mill (Line- 1)	15.2
Cement Mill – 1	23.5
Cement Mill – 2	13.2
Cement VRPM stack	12.7
Cement Mill- 3	10.3
Kiln Stack (Line- 2)	12.1
Crusher Stack (Line- 2)	8.8
Coal Mill (Line- 2)	11.4
Cooler (Line- 2)	15.5
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	27.7
TPP- 33 MW	27.1
TPP- 15 MW (New)	25.8

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	68.9	68.4
Colony	48.1	47.7
Near Old CCR Building	67.2	66.8
Near New CCR Building	69	68.6
Mines Field Office	65.1	64.7
Mines Office	63.4	62.9
TPP area	66.8	66.3
Main office	65	64.6

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.63	23.8	< 2	<0.2	< 2	430	
Mines Work Shop (treated)	6.88	63.4	6	<0.2	48	240	
TPP DM Plant back wash (RO installed)	5.65	15.8	< 2	< 0.2	< 2	24	

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