

MONTH – March-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	47.34	33.05	9.81	10	BDL
Kukurdihi Village	45.44	31.59	9.57	8.14	BDL
Guest House	47.78	32	8.2	10.2	BDL
Water Treatment Plant	56.97	39.14	10.06	10.25	BDL
Mines Field Office	52.49	40.02	9.58	9.97	BDL
Railway Operation	53.06	37.77	9.38	10.81	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm³)
Kiln Stack (Line- 1)	7.4
Crusher Stack (Line- 1)	10.4
Cooler (Line- 1)	9.8
Coal Mill (Line- 1)	16.1
Cement Mill – 1	22.7
Cement Mill – 2	9.9
Cement VRPM stack	10.9
Cement Mill- 3	13.8
Kiln Stack (Line- 2)	7.2
Crusher Stack (Line- 2)	8.6
Coal Mill (Line- 2)	14.1
Cooler (Line- 2)	10.5
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	27.1
TPP- 33 MW	28.6
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	65.8	63.4
Colony	47.9	45.9
Near Old CCR Building	66.9	64.8
Near New CCR Building	67.3	64.8
Mines Field Office	60.1	58.1
Mines Office	64.9	62.9
TPP area	64.7	62.9
Main office	63.2	61.1

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.48	96	8	<0.2	66	642	
Mines Work Shop (treated)	8.01	32	4	<0.2	82	452	
TPP DM Plant back wash (RO installed)	6.94	16	<2	<0.2	6	130	

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