

**MONTH – July-2016**

**AMBIENT AIR MONITORING REPORT**

Monitoring Station	Avg. PM <sub>10</sub> (µg/m <sup>3</sup> )	Avg. PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Avg. SO <sub>2</sub> (µg/m <sup>3</sup> )	Avg. NO <sub>x</sub> (µg/m <sup>3</sup> )	Avg. CO (µg/m <sup>3</sup> )
Khairtal Village	66.7	30.1	7.05	8.79	BDL
Kukurdi Village	52.7	23.8	5.36	9.85	BDL
Guest House	64.1	31.7	6.78	13.7	BDL
Water Treatment Plant	26.7	11.6	3.07	3.65	BDL
Mines Field Office	53	20.4	7.39	9.60	BDL
Railway Operation	23.1	9.70	6.78	4.3	BDL

**BDL: Below Detectable level**

**STACK MONITORING REPORT**

Monitoring Station	Particulate Matter (mg/Nm <sup>3</sup> )
Kiln Stack (Line- 1)	27.1
Crusher Stack (Line- 1)	29.7
Cooler (Line- 1)	28.6
Coal Mill (Line- 1)	27.1
Cement Mill – 1	27.4
Cement Mill – 2	14.7
Cement VRPM stack	15.3
Cement Mill- 3	21.2
Kiln Stack (Line- 2)	21.4
Crusher Stack (Line- 2)	28.1
Coal Mill (Line- 2)	26.9
Cooler (Line- 2)	29.3
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	44.6
TPP- 33 MW	41.5
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	54.1	51.8
Colony	53.4	49.2
Near Old CCR Building	65.1	60.9
Near New CCR Building	63.2	59.8
Mines Field Office	59.6	49.7
Mines Office	60.4	44.3
TPP area	62.4	58.2
Main office	59.6	49.7

**WATER QUALITY REPORT**

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.17	32	5	<0.2	68	752	
Mines Work Shop (treated)	7.26	24	3	<0.2	24	362	
TPP DM Plant back wash (RO installed)	5.53	16	<2	<0.2	<2	10	

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