

**MONTH –August-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	81.2	42.4	5.62	9.66	BDL
Kukurdihi Village	86.3	38.2	9.69	8.56	BDL
Guest House	83.6	44.5	4.57	7.71	BDL
Water Treatment Plant	78.9	30.1	10.5	10.6	BDL
Mines Field Office	64.9	20.8	6.23	7.62	BDL
Railway Operation	68.9	20.5	5.40	4.92	BDL

**BDL: Below Detectable level**

**STACK MONITORING REPORT**

Monitoring Station	Particulate Matter (mg/Nm <sup>3</sup> )
Kiln Stack (Line- 1)	Plant under Shutdown
Crusher Stack (Line- 1)	Plant under Shutdown
Cooler (Line- 1)	Plant under Shutdown
Coal Mill (Line- 1)	Plant under Shutdown
Cement Mill – 1	28.5
Cement Mill – 2	Didn't Run in the month
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	20.5
Kiln Stack (Line- 2)	8.57
Crusher Stack (Line- 2)	26.7
Coal Mill (Line- 2)	25.9
Cooler (Line- 2)	29.1
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	Didn't Run in the month
TPP- 33 MW	44.8
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	54.5	49.7
Colony	57.7	40.0
Near Old CCR Building	64.4	49.7
Near New CCR Building	59.8	56.8
Mines Field Office	54.2	39.5
Mines Office	53.6	46.0
TPP area	59.8	53
Main office	54.8	43.9

**WATER QUALITY REPORT**

	EFFLUENT QUALITY						Remark
	pH	COD	BOD	Oil & Grease	S.S.	TDS	
STP (treated)	8.18	40	5	<0.2	28	797.6	
Mines Work Shop (treated)	7.88	16	3	<0.2	10	718.9	
TPP DM Plant back wash (RO installed)	5.74	16	<2	<0.2	<2	121.7	

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