

# STAR CEMENT LIMITED

January – 2018

## STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Primary Crusher (Bag Filter)	21.5
2	Secondary Crusher (Bag Filter)	20.8
3	RABH	22.7
4	Coal Mill	26.1
5	Cooler ESP	24.0
6	Roller Press Mill (581 Bag Filter-1)	21.7
7	Cement Mill (Bag Filter)	18.3
8	Packing Plant (Bag Filter)	17.9

## AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter (µg/m <sup>3</sup> )		Gaseous Emission (µg/m <sup>3</sup> )	
		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>
Station #1 (Near Guest House)		50.7	36.9	8.8	21.5
Station #2 (Near Pump House)		54.1	39.2	11.4	24.9
Station #3 (Near Security Gate No-2)		60.5	37.1	12.9	27.8
Station #4 (Staff Quarters - 4)		52.3	33.5	10.8	26.2

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### **FUGITIVE EMISSION MONITORING RESULTS** **(Average Values)**

<b>Location</b>	<b>Fugitive Emission Results (in µg/m<sup>3</sup>)</b>	<b>Limit (in µg/m<sup>3</sup>)</b>
Coal Storage Section	1635	<b>2000</b>
Limestone Storage Section	1964	<b>5000</b>
Cement Packing Plant	2354	<b>5000</b>