

# Ambuja Cement

## STACK EMISSION MONITORING RESULTS (FEBRUARY 2018) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Cement Mill Bag House	12.43
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	11.78
4	Clinker Dump Hopper-2 Bag Filter	12.57
5	Packing Plant -1 Bag Filter	12.83
6	Packing Plant -2 Bag Filter	13.37

## AMBIENT AIR MONITORING RESULTS (FEBRUARY 2018) (Monthly Average Values)

Stations	Respirable Suspended Particulate Matter (µg/M <sup>3</sup> )		Gaseous Pollutants (µg/M <sup>3</sup> )	
	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>
Station No. 1 (Labour Hutment towards Jajhra)	59.9	18.04	6.2	9.6
Station No. 2 (Rain Water Harvesting)	56.7	17.15	5.1	9.3
Station No. 3 (Rooftop of Adm. Block)	58.3	16.62	5.3	9.4
Station No. 4 (Rooftop of Guest House)	56.5	18.38	6.0	10.1
Station No. 5 (Near Nursery towards Pater Phaloo)	59.6	19.23	6.5	9.5
Station No. 6 (STP- Towards Ratyor)	61.1	16.69	5.8	10.0

## TREATED SEWAGE WATER QUALITY (FEBRUARY 2018) (Monthly Average Values)

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	8	9	-	8	9.5	-
TSS	Mg/lit.	30	40	36	40	60	51
BOD <sub>5day</sub>	Mg/lit.	8	16	11.6	12	18	15.2
COD	Mg/lit.	40	60	48	40	80	64

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## HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (FEBRUARY 2018))

Stations	Parameters		
	Nickel (ng/M <sup>3</sup> )	Arsenic (ng/M <sup>3</sup> )	Lead (µg/M <sup>3</sup> )
Station No. 1 (Labour Hutment towards Jajhra)	ND	ND	ND
Station No. 2 (Rain Water Harvesting)	ND	ND	ND
Station No. 3 (Rooftop of Adm. Block)	ND	ND	ND
Station No. 4 (Rooftop of Guest House)	ND	ND	ND
Station No. 5 (Near Nursery towards Pater Phaloo)	ND	ND	ND
Station No. 6 (STP- Towards Ratyor)	ND	ND	ND

ND – Not Detected.