

# Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Cement Mill Bag House	9.22
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	12.67
4	Clinker Dump Hopper-2 Bag Filter	12.95
5	Packing Plant -1 Bag Filter	12.53
6	Packing Plant -2 Bag Filter	13.50

## AMBIENT AIR MONITORING RESULTS (JANUARY 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)	62.5	19.48	7.7	11.0
Station No. 2 (Rain Water Harvesting)	61.3	18.87	7.6	10.1
Station No. 3 (Rooftop of Adm. Block)	58.8	20.27	7.6	9.6
Station No. 4 (Rooftop of Guest House)	60.1	19.12	7.5	10.4
Station No. 5 (Near Nursery towards Pater Phaloo)	62.4	18.38	7.5	10.9
Station No. 6 (STP- Towards Ratyor)	66.5	18.69	7.3	10.7

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

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	7.5	9	-	8	9.0	-
TSS	Mg/lit.	30	55	41	35	50	43
BOD <sub>5day</sub>	Mg/lit.	8	20	13.6	12	22	18
COD	Mg/lit.	40	80	56	60	100	80

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### HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (JANUARY 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.