

Ambuja Cement

STACK EMISSION MONITORING RESULTS (MARCH 2018) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	6.89
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	13.51
4	Clinker Dump Hopper-2 Bag Filter	10.85
5	Packing Plant -1 Bag Filter	13.98
6	Packing Plant -2 Bag Filter	15.70

AMBIENT AIR MONITORING RESULTS (MARCH 2018) (Monthly Average Values)

Stations	Respirable Suspended Particulate Matter (µg/M ³)		Gaseous Pollutants (µg/M ³)	
	PM10	PM2.5	SO ₂	NO _x
Station No. 1 (Labour Hutment towards Jajhra)	64.4	19.58	7.9	10.8
Station No. 2 (Rain Water Harvesting)	65.2	18.54	7.3	10.3
Station No. 3 (Rooftop of Adm. Block)	66.8	18.58	7	9.5
Station No. 4 (Rooftop of Guest House)	64.9	17.00	6.3	10.3
Station No. 5 (Near Nursery towards Pater Phaloo)	62.9	19.69	7.3	11.8
Station No. 6 (STP- Towards Ratyor)	66.4	18.85	7.5	10.8

TREATED SEWAGE WATER QUALITY (MARCH 2018) (Monthly Average Values)

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	8	9.5	-	8	9.5	-
TSS	Mg/lit.	20	35	30	40	50	46
BOD _{5day}	Mg/lit.	10	18	14	12	22	16.4
COD	Mg/lit.	40	80	56	40	100	68

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (MARCH 2018))

Stations	Parameters		
	Nickel (ng/M ³)	Arsenic (ng/M ³)	Lead (µg/M ³)
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.