

# Ambuja Cement

## STACK EMISSION MONITORING RESULTS (AUGUST 2017) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Cement Mill Bag House	9.65
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	14.45
4	Clinker Dump Hopper-2 Bag Filter	15.55
5	Packing Plant -1 Bag Filter	14.49
6	Packing Plant -2 Bag Filter	15.47

## AMBIENT AIR MONITORING RESULTS (AUGUST 2017) (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)	57.3	18.65	7.4	11.4
Station No. 2 (Rain Water Harvesting)	55	17.65	6.8	10.6
Station No. 3 (Rooftop of Adm. Block)	52.3	19.35	6.5	10.3
Station No. 4 (Rooftop of Guest House)	59.1	18.15	7.3	11.1
Station No. 5 (Near Nursery towards Pater Phaloo)	58.5	17.62	7.1	11.9
Station No. 6 (STP- Towards Ratyor)	54	16.96	7.4	11.

## TREATED SEWAGE WATER QUALITY (AUGUST 2017) (Monthly Average Values)

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	8	8.5	-	8	9	-
TSS	Mg/lt.	25	45	33	30	50	43
BOD <sub>5day</sub>	Mg/lt.	8	14	10.8	10	22	16.4
COD	Mg/lt.	40	60	44	40	80	60

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## ONLINE AMBIENT AIR QUALITY & STACK EMISSION MONITORING RESULTS - (AUGUST 2017)

Himachal Pradesh State Pollution Control Board  
Online Pollution Monitoring Portal

Name of Industry: Ambuja Cements Limited Average Dashboard  
From Date: 1-8-2017 To Date: 31-8-2017

Date	CAAQMS near Admin Block PM10 (ug/M3)	CAAQMS near Admin Block Nox(ug/M3)	CAAQMS near Admin Block (CO(mg/M3)	CAAQMS near Admin Block SO2(ug/M3)	CAAQMS near Admin Block PM2.5(ug/M3)	Stack Cement Mill PM (mg/NM3)
2017-08-01	65.1	NaN	0.2	2.5	8.1	5.4
2017-08-02	65.2	NaN	0.3	3	8.1	4.8
2017-08-03	69.2	NaN	0.2	2.9	8.4	4.8
2017-08-04	22.1	NaN	0.2	2	8.1	7
2017-08-05	17.7	NaN	0.3	1.6	8.8	5.6
2017-08-06	NaN	NaN	0.2	2.1	8.1	4.3
2017-08-07	NaN	NaN	0.3	3	8.1	6.5
2017-08-08	NaN	NaN	0.3	2.5	8.1	5.8
2017-08-09	76.4	NaN	0.2	4	8.5	1.5
2017-08-10	58.4	NaN	0.2	4.1	8.1	1.2
2017-08-11	36.6	NaN	0.3	4.1	8.1	1
2017-08-12	52.4	20	0.4	2.4	3.4	0.4
2017-08-13	54	20.8	0.4	2.3	16.1	1.4
2017-08-14	56.5	235.9*	0.3	3.4	23.1	1
2017-08-15	68.2	218.7*	0.3	3	26.7	0
2017-08-16	71.6	118.5*	0.4	3.1	39.6	1.9
2017-08-17	62.3	32.8	0.4	2.8	31.3	1
2017-08-18	69.6	20.7	0.3	3.9	39.8	1.2
2017-08-19	14.9	21	0.4	3.9	6.8	3.8
2017-08-20	20.4	21	0.4	3.2	7.6	1.5
2017-08-21	20.4	20.8	0.4	1.9	8.9	1
2017-08-22	27.7	20.6	0.3	3.7	8.8	0.7
2017-08-23	27.4	20.4	0.3	1.5	13.9	1
2017-08-24	35.5	21.5	0.3	2.7	16.9	0.7
2017-08-25	32.5	22.7	0.3	2.3	14.2	2.8
2017-08-26	36.4	30	0.3	2.1	13.2	1.8
2017-08-27	38.5	23.3	0.2	2.4	14.1	1.3
2017-08-28	31.2	20.7	0.2	3.4	8.7	1.1
2017-08-29	25.2	23.9	0.3	3.8	5.2	1.4
2017-08-30	28.4	21	0.3	3.8	7.6	0.8
2017-08-31	18.4	19.6	0.3	3.1	6.5	3.3

NaN/\* - Problem in analyser

Ambuja Cements Limited (Unit: Nalagarh)

Village Navagraon, P.O. Jajhra, Tehsil Nalagarh, Distt. Solan - 174 101 (H.P.)

Regd. Off.: P.O. Ambuja Nagar, Taluka - Kodinar, Distt. Gir Somnath, Gujarat – 362 715

CIN:L26942GJ1981PLC004717

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### HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (AUGUST 2017)

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.