

# Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Cement Mill Bag House	8.83
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	13.45
4	Clinker Dump Hopper-2 Bag Filter	12.20
5	Packing Plant -1 Bag Filter	15.16
6	Packing Plant -2 Bag Filter	14.27

## AMBIENT AIR MONITORING RESULTS (SEPTEMBER 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)	61.6	18.62	7.5	9.8
Station No. 2 (Rain Water Harvesting)	67.1	19.23	7.6	10.9
Station No. 3 (Rooftop of Adm. Block)	66.3	20.35	7.3	11.4
Station No. 4 (Rooftop of Guest House)	69.5	19.69	7.8	11.2
Station No. 5 (Near Nursery towards Pater Phaloo)	63.4	19.15	7.7	12.8
Station No. 6 (STP- Towards Ratyor)	60.6	19.65	7.5	11.1

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

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	8	9.0	-	8	9.5	-
TSS	Mg/lt.	25	40	34	35	60	50
BOD <sub>5day</sub>	Mg/lt.	8	16	11.2	14	24	18.4
COD	Mg/lt.	40	80	52	40	80	64

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

Himachal Pradesh State Pollution Control Board  
Online Pollution Monitoring Portal

Name of Industry: Ambuja Cements Limited Average Dashboard  
From Date: 1-9-2017 To Date: 30-9-2017

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)
2017-09-01	15.3	21.7	0.3	2.4	6.2	2.1
2017-09-02	21.8	19.8	0.3	2.2	7.2	0.8
2017-09-03	31.9	24.9	0.2	3.5	9.7	0
2017-09-04	28	51.8	0.4	2.2	8.5	0
2017-09-05	33.9	19.6	0.3	3.2	12.5	0.6
2017-09-06	37.9	31.1	0.2	1.9	10.1	0.5
2017-09-07	28.3	25.2	0.2	2.6	11.5	0.9
2017-09-08	37.2	37.3	0.3	2.8	11	3.6
2017-09-09	55.2	31.9	0.5	2.5	28.6	3.4
2017-09-10	54.4	43.7	0.4	1.9	28.3	3.5
2017-09-11	43.7	32.6	0.5	3	19.2	2.2
2017-09-12	53	32.5	0.4	4.2	19.4	1.2
2017-09-13	63.4	32.5	0.5	4	28.2	1.9
2017-09-14	63.1	32.6	0.4	3.2	26	1.1
2017-09-15	52.7	32.5	0.5	3.5	19.9	1.5
2017-09-16	61.9	32.5	0.4	3.2	26	0.8
2017-09-17	51.3	32.5	0.3	2	20.5	2.8
2017-09-18	57.1	32.5	0.3	1.5	17.5	1.6
2017-09-19	69	32.5	0.3	1.6	25.2	0
2017-09-20	72.6	32.5	0.3	5.2	31.1	0.8
2017-09-21	73.6	32.5	0.3	3.4	34.7	2.4
2017-09-22	41.5	32.5	0.2	2.6	22	4.6
2017-09-23	8	32.5	0.5	2.5	6.1	2.7
2017-09-24	30.5	32.5	0.4	1.6	10.2	2.7
2017-09-25	61.9	32.5	0.2	2.9	23.6	0.1
2017-09-26	67.4	32.5	0.1	2.7	34.4	2.3
2017-09-27	65.7	32.5	0.1	3.2	33.9	2.5
2017-09-28	64.6	32.5	0.2	2.1	29.1	3.9
2017-09-29	76.9	32.5	0	2.7	31.8	2.3
2017-09-30	79.7	32.5	0.2	2.2	34.4	2.6

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 (SEPTEMBER 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.