

# Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Cement Mill Bag House	9.58
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	14.52
4	Clinker Dump Hopper-2 Bag Filter	17.74
5	Packing Plant -1 Bag Filter	15.79
6	Packing Plant -2 Bag Filter	14.58

## AMBIENT AIR MONITORING RESULTS (JUNE 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)	60.3	19.42	8.1	11.7
Station No. 2 (Rain Water Harvesting)	66.2	18.73	7.6	10.9
Station No. 3 (Rooftop of Adm. Block)	68.1	20.12	6.8	10.2
Station No. 4 (Rooftop of Guest House)	62.3	18.77	6.9	10.2
Station No. 5 (Near Nursery towards Pater Phaloo)	63.7	19.65	7.7	11.2
Station No. 6 (STP- Towards Ratyor)	66.9	20.04	8.8	11.6

## TREATED SEWAGE WATER QUALITY (JUNE 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	-	8	9.5	-
TSS	Mg/lt.	30	50	41	45	70	55
BOD <sub>5day</sub>	Mg/lt.	10	20	15.6	12	24	17.6
COD	Mg/lt.	40	80	56	60	80	72

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

### Himachal Pradesh State Pollution Control Board Online Pollution Monitoring Portal

Name of Industry: Ambuja Cements Limited Average Dashboard  
From Date: 1-6-2017 To Date: 30-6-2017

Time	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)
2017-06-01 05:30:00	34.1	14.7	0.1	14.7	8.5	4
2017-06-02 05:30:00	64.7	15.3	0.1	9.5	13.3	3.1
2017-06-03 05:30:00	73.6	15.3	0.1	12.3	16.9	2.5
2017-06-04 05:30:00	71.8	15.2	0	8.9	16.7	2.5
2017-06-05 05:30:00	100.2	15.3	0.1	18.5	18.8	2.3
2017-06-06 05:30:00	97.1	20.5	0.1	8.3	28.5	4.7
2017-06-07 05:30:00	13.3	15.1	0.4	10	3.9	6.2
2017-06-08 05:30:00	28.3	14.7	0.2	7.1	10.8	4.1
2017-06-09 05:30:00	22.7	17.3	0.4	24.1	11.9	4.2
2017-06-10 05:30:00	17.8	NaN	0.1	38.1	NaN	4.4
2017-06-11 05:30:00	20.7	NaN	0.1	25.6	NaN	4.5
2017-06-12 05:30:00	25	NaN	0.2	29	NaN	3.2
2017-06-13 05:30:00	27.6	NaN	0.2	29	NaN	3.7
2017-06-14 05:30:00	54.7	NaN	0.2	28.5	NaN	3.4
2017-06-15 05:30:00	32	NaN	0.1	33.1	NaN	5.6
2017-06-16 05:30:00	25.1	NaN	0.2	54.2	NaN	3.8
2017-06-17 05:30:00	31	NaN	0.1	32.4	0.5	3.8
2017-06-18 05:30:00	53.4	21.5	0.3	8.3	24.5	4.6
2017-06-19 05:30:00	21.1	NaN	0.2	12.5	16.5	5.4
2017-06-20 05:30:00	20.7	NaN	0.3	11.5	17.9	5.6
2017-06-21 05:30:00	21	NaN	0.3	8.5	18.7	4.8
2017-06-22 05:30:00	28.8	NaN	0.3	12.2	17.4	4.8
2017-06-23 05:30:00	35	NaN	0.3	16	19.4	4.7
2017-06-24 05:30:00	44.8	NaN	0.3	15.8	27.1	4.5
2017-06-25 05:30:00	44.2	NaN	0.3	9.7	25.3	4
2017-06-26 05:30:00	38.5	NaN	0.3	6.3	18.1	4.5
2017-06-27 05:30:00	36.4	NaN	0.3	9.9	16	4.7
2017-06-28 05:30:00	26.1	25.8	0.3	5.7	9.1	7.8
2017-06-29 05:30:00	27.2	NaN	0.2	9.1	6.8	7
2017-06-30 05:30:00	37.5	NaN	0.3	1.2	10.7	4.5

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 (JUNE 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.