

Ambuja Cement

STACK EMISSION MONITORING RESULTS (JULY 2017) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	11.07
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	13.54
4	Clinker Dump Hopper-2 Bag Filter	14.01
5	Packing Plant -1 Bag Filter	14.98
6	Packing Plant -2 Bag Filter	16.92

AMBIENT AIR MONITORING RESULTS (JULY 2017) (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)	65.0	19.65	7.4	11.7
Station No. 2 (Rain Water Harvesting)	67.5	19.00	6.4	10.7
Station No. 3 (Rooftop of Adm. Block)	71.9	20.23	6.9	9.6
Station No. 4 (Rooftop of Guest House)	67.2	20.54	7.6	10.5
Station No. 5 (Near Nursery towards Pater Phaloo)	70.6	19.88	7.2	11.8
Station No. 6 (STP- Towards Ratyor)	63.7	20.42	7.3	11.1

TREATED SEWAGE WATER QUALITY (JULY 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/lit.	25	50	37	30	60	48
BOD _{5day}	Mg/lit.	8	16	12.8	10	20	14.8
COD	Mg/lit.	40	80	60	40	100	64

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

Himachal Pradesh State Pollution Control Board
Online Pollution Monitoring Portal

Name of Industry: Ambuja Cements Limited Average Dashboard
From Date: 1-7-2017 To Date: 31-7-2017

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)
2017-07-01 05:30:00	34.6	NaN	0.8	5.5	9.6	4.2
2017-07-02 05:30:00	36.2	NaN	0.2	5	12.1	4.5
2017-07-03 05:30:00	34.5	NaN	0.2	8.3	11.7	4
2017-07-04 05:30:00	46.2	NaN	0.2	5.4	15.1	3.3
2017-07-05 05:30:00	143.8	NaN	0.3	6.3	25.4	4.2
2017-07-06 05:30:00	56.7	NaN	0.2	12.7	15.7	4.9
2017-07-07 05:30:00	62.3	NaN	0.3	13.6	17.9	4.9
2017-07-08 05:30:00	66.4	157.8	0.4	4.1	22	4.3
2017-07-09 05:30:00	79.6	NaN	0.2	1	26.4	3.9
2017-07-10 05:30:00	47	NaN	0.2	1.1	15.3	3.3
2017-07-11 05:30:00	28.1	NaN	0.3	2	8.5	8.7
2017-07-12 05:30:00	21.6	NaN	0.2	1.1	5.6	6.2
2017-07-13 05:30:00	26.5	NaN	0.2	1.2	6.9	5
2017-07-14 05:30:00	38	17.2	0.3	2.3	12.5	4.8
2017-07-15 05:30:00	32.7	14.1	0.4	2.3	12.1	3.7
2017-07-16 05:30:00	19.2	9	0.2	3.1	10	4.6
2017-07-17 05:30:00	11.6	9.1	0.3	2.4	8.7	4.5
2017-07-18 05:30:00	0.4	9.5	0.3	2.4	7.8	3.3
2017-07-19 05:30:00	0	9.9	0.3	3.2	8.8	3.8
2017-07-20 05:30:00	0.2	10.6	0.2	2.5	7.3	4.9
2017-07-21 05:30:00	0	10.5	0.3	2.7	10.3	5.3
2017-07-22 05:30:00	0	9	0.3	4.7	7.8	5.5
2017-07-23 05:30:00	0	8.7	0.2	1.8	3.9	6.6
2017-07-24 05:30:00	0	10.6	0.3	3.1	4.6	4.6
2017-07-25 05:30:00	0	8.9	0.3	3.3	6.1	4.2
2017-07-26 05:30:00	0	8.9	0.2	2.9	5.3	4.9
2017-07-27 05:30:00	0	8.8	0.3	4.1	6.3	4.5
2017-07-28 05:30:00	0	12.3	0.3	2.2	11.1	3.4
2017-07-29 05:30:00	0.2	12.5	0.4	2	12.7	4.4
2017-07-30 05:30:00	48.7	11.2	0.3	3.3	21.5	5.2
2017-07-31 05:30:00	52.6	8.9	0.4	2.7	8.1	5.2

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 (JULY 2017)

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.