

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	13.10
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	13.01
4	Clinker Dump Hopper-2 Bag Filter	14.61
5	Packing Plant -1 Bag Filter	15.68
6	Packing Plant -2 Bag Filter	16.36

AMBIENT AIR MONITORING RESULTS (JANUARY 2017) (Monthly Average Values)

Stations	Respirable Suspended Particulate Matter (µg/M ³)		Gaseous Emission (µg/M ³)	
	PM10	PM2.5	SO ₂	NO _x
Station No. 1 (Labour Hutment towards Jajhra)	65.7	19.48	7.4	11.4
Station No. 2 (Rain Water Harvesting)	61.8	18.87	6.5	10.3
Station No. 3 (Rooftop of Adm. Block)	68.6	20.27	7.1	9.8
Station No. 4 (Rooftop of Guest House)	64	19.12	7.2	11
Station No. 5 (Near Nursery towards Pater Phaloo)	62.2	18.38	7.5	11.4
Station No. 6 (STP- Towards Ratyor)	59.1	18.69	7.5	11.1

TREATED SEWAGE WATER QUALITY (JANUARY 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	-
TSS	Mg/lt.	25	45	35	40	65	52
BOD _{5day}	Mg/lt.	10	18	12.8	12	24	18.8
COD	Mg/lt.	40	80	52	40	100	80

Ambuja

Cement

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

Date	CAAQMS Data					Stack Emission Data
	PM 10 (ug/m3)	PM 2.5 (ug/m3)	CO (ug/m3)	SO2 (ug/m3)	Nox (ug/m3)	PM Concentration (mg/M3)
01/01/2017	48.58	12.63	0.35	2.62	16.87	7.03
02/01/2017	35.94	12.65	0.22	3.13	15.49	3.07
03/01/2017	46.75	12.82	0.35	3.67	17.72	4.28
04/01/2017	50.13	12.91	0.23	2.77	17.38	3.42
05/01/2017	48.94	12.89	0.3	2.49	17.02	7.06
06/01/2017	46.51	12.4	0.36	3.86	15.28	13.85
07/01/2017	10.18	12.55	0.55	3.1	11.62	8.24
08/01/2017	18.55	12.58	0.49	2.76	12.64	13.39
09/01/2017	45.91	13.14	0.2	3.53	15.65	4.97
10/01/2017	38.05	12.96	0.17	3.09	14.13	17.48
11/01/2017	46.77	12.82	0.41	2.88	15.75	16.74
12/01/2017	45.58	12.8	0.31	2.72	14.17	7.4
13/01/2017	49.28	12.86	0.41	2.34	15.63	7.26
14/01/2017	66.39	26.29	0.39	3.24	16.76	15.12
15/01/2017	75.35	21.05	0.37	3.72	15.1	7.8
16/01/2017	67.35	20.7	0.28	3.22	13.78	6.16
17/01/2017	83.15	32.06	0.29	4.13	15.33	8.63
18/01/2017	50.38	20.73	0.23	4.36	16.78	5
19/01/2017	51.52	18.85	0.08	4.15	17.95	12.62
20/01/2017	57.47	23.35	0.26	4.78	19.38	9.63
21/01/2017	74.97	33.34	0.29	3.93	19.84	8.74
22/01/2017	56.06	25.43	0.05	3.81	16.68	12.63
23/01/2017	53.96	21.37	0.22	4.14	17.79	4.74
24/01/2017	70.59	28.01	0.26	3.5	20.23	12.41
25/01/2017	51.74	24.62	0.09	5.22	19.78	12.27
26/01/2017	14.56	5.24	0.3	3.92	11.52	13.46
27/01/2017	19.18	12.07	0.31	5.77	12.49	4.12
28/01/2017	30.65	12.12	0.18	6.86	15.68	12.37
29/01/2017	42.49	16.15	0.13	4.82	17.66	5.77
30/01/2017	41.31	18.14	0.11	4.82	16.53	10.26
31/01/2017	43.94	20.37	0.15	4.93	16.82	13.94

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

Ambuja

Cement

HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (JANUARY 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.