

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	8.17
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	14.08
4	Clinker Dump Hopper-2 Bag Filter	13.42
5	Packing Plant -1 Bag Filter	15.34
6	Packing Plant -2 Bag Filter	17.24

AMBIENT AIR MONITORING RESULTS (MARCH 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)	58.3	16.27	7.4	11.4
Station No. 2 (Rain Water Harvesting)	60.7	18.19	6.5	10.3
Station No. 3 (Rooftop of Adm. Block)	56.9	17	7.1	9.8
Station No. 4 (Rooftop of Guest House)	53.4	17.23	7.2	11
Station No. 5 (Near Nursery towards Pater Phaloo)	60.1	15.42	7.5	11.4
Station No. 6 (STP- Towards Ratyor)	53.8	16.77	7.5	11.1

TREATED SEWAGE WATER QUALITY (MARCH 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	40	29	45	60	54
BOD _{5day}	Mg/lt.	8	22	14	14	26	19.2
COD	Mg/lt.	40	80	56	60	100	80

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ONLINE AMBIENT AIR QUALITY & STACK EMISSION MONITORING RESULTS - (MARCH 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)
01/03/2017	59.41	*	0.34	*	19.58	4.98
02/03/2017	57.53	21.45	0.29	4.34	18	6.75
03/03/2017	76.1	22.32	0.22	11.75	18.51	9.05
04/03/2017	72.89	22.45	0.4	8.76	19.76	2.47
05/03/2017	70.42	21.18	0.05	3.67	19.12	3.23
06/03/2017	63.95	20.45	0.23	1.67	18.06	2.16
07/03/2017	69.4	19.75	0.18	2.4	17.05	6.74
08/03/2017	40.13	15.51	0.38	1.24	14.63	6.57
09/03/2017	33.7	12.95	0.42	7.43	17.32	13.24
10/03/2017	28.67	8.8	0.26	3.49	14.07	12.26
11/03/2017	36.55	11.56	0.45	3.77	15.93	11.91
12/03/2017	60.52	18.31	0.22	9.13	18.74	6.68
13/03/2017	61.12	18.42	0.37	6.63	17.97	2.76
14/03/2017	71.11	20.53	0.19	4.92	18.14	3.17
15/03/2017	68.77	22.8	0.12	9.64	18.72	4.12
16/03/2017	55.6	20.69	0.39	2.55	18.23	8.47
17/03/2017	51.23	20.05	0.3	3.75	19.03	3.06
18/03/2017	70.66	23.89	0.12	6.63	21.78	8.98
19/03/2017	68.44	26.11	0.15	8.89	18.32	8.56
20/03/2017	69.22	24.32	0.21	2.56	18.87	7.27
21/03/2017	74.06	27.61	0.31	2.74	18.13	6.04
22/03/2017	81.74	28.7	0.32	2.19	19.93	5.24
23/03/2017	87.74	30.03	0.36	5.21	19.3	3.03
24/03/2017	77.85	28.75	0.1	7.7	18.45	4.98
25/03/2017	60.31	22.94	0.1	9.39	19.62	4
26/03/2017	66.46	27.4	0.19	9.65	18.55	6.7
27/03/2017	65.87	26.31	0.14	15.18	17.86	5.03
28/03/2017	86.01	31.78	0.19	20.28	19.33	1.04
29/03/2017	77.69	29.19	0.22	15.29	17.52	2.07
30/03/2017	69.12	27.31	0.31	8.79	18.98	2.85
31/03/2017	74.32	30.84	0.29	7.83	18.81	3.03

* - 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 (MARCH 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.