

Ambuja Cement

STACK EMISSION MONITORING RESULTS (JUNE 2016) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	6.95
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	11.75
4	Clinker Dump Hopper-2 Bag Filter	11.01
5	Packing Plant -1 Bag Filter	12.64
6	Packing Plant -2 Bag Filter	11.96

AMBIENT AIR MONITORING RESULTS (JUNE 2016) (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 Jajhira)	49.9	18.38	6.3	10.9
Station No. 2 (Rain Water Harvesting)	51.6	17.73	6.9	12.3
Station No. 3 (Rooftop of Adm. Block)	46.1	15.81	6.3	10.9
Station No. 4 (Rooftop of Guest House)	48.1	14.33	5.9	10.6
Station No. 5 (Near Nursery towards Pater Phaloo)	42.3	15.42	7.0	10.5
Station No. 6 (STP- Towards Ratyor)	39.3	14.50	6.8	8.8

TREATED SEWAGE WATER QUALITY (JUNE 2016) (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	-	8.0	9.0	-
TSS	Mg/lit.	25	35	29	40	60	49
BOD _{5day}	Mg/lit.	10	16	12.4	12	20	16
COD	Mg/lit.	40	60	44	40	80	68

Ambuja Cements Limited (Unit: Nalagarh)
Village Navagraon, P.O. Jajhira, 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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ONLINE AMBIENT AIR QUALITY & STACK EMISSION MONITORING RESULTS - (JUNE 2016)

Date	CAAQMS Data					Stack Emission Data
	PM 10 (ug/m3)	PM 2.5 (ug/m3)	CO (ug/m3)	SO ₂ (ug/m3)	Nox (ug/m3)	PM Concentration (mg/M3)
01/06/2016	69.48	25.23	0.5	7.82	20.55	2.06
02/06/2016	86.82	26.84	0.46	7.11	19.94	1.57
03/06/2016	44.08	16.2	0.52	8.51	21.07	0.45
04/06/2016	47.7	24.62	0.48	8.31	19.31	0.27
05/06/2016	47.97	16.98	0.43	8.58	16.74	2.1
06/06/2016	24.03	10.91	0.42	6.86	19.41	2.42
07/06/2016	23.08	9.68	0.56	8.67	21.13	0.99
08/06/2016	31.48	12.02	0.48	10.51	23.74	3.51
09/06/2016	27.79	11.14	0.45	11.03	19.68	3.52
10/06/2016	28.77	11.28	0.42	10.54	16.76	0.62
11/06/2016	26.92	11.09	0.49	9.98	16.99	0.89
12/06/2016	59.82	15.61	0.44	9.64	17	3.33
13/06/2016	63.25	17.02	0.42	8.7	16.36	1.68
14/06/2016	50.71	20.82	0.48	7.94	14.45	1.77
15/06/2016	24.86	11.28	0.39	6.79	13.6	3.66
16/06/2016	34.58	11.55	0.46	6.82	13.56	2.34
17/06/2016	46.04	15.36	0.47	9.29	17.52	2.38
18/06/2016	46.56	18.39	0.41	6.48	14.63	0.8
19/06/2016	33.67	18.08	0.48	6.02	14.77	2.08
20/06/2016	25.22	14.77	0.43	8.05	14.07	1.92
21/06/2016	23.54	10.84	0.46	9.57	13.55	1.44
22/06/2016	25.56	7.23	0.51	10.05	13.25	2.32
23/06/2016	43.97	10.26	0.46	10.36	14.58	2.44
24/06/2016	53.53	13.89	0.52	9.41	14.81	2.68
25/06/2016	58.43	16.39	0.47	8.95	13.88	1.33
26/06/2016	40.06	11.48	0.53	8.61	14.53	1.29
27/06/2016	39.8	11.01	0.49	7.97	13.8	2.5
28/06/2016	29.94	9.88	0.48	7.26	12.55	3.53
29/06/2016	46.57	19.39	0.5	7.18	13.77	3.89
30/06/2016	50.88	15.29	0.49	9.41	14.04	2.1

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (JUNE 2016)

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.