

Ambuja Cement

STACK EMISSION MONITORING RESULTS (MARCH 2015) (Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	8.73
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	11.13
4	Clinker Dump Hopper-2 Bag Filter	13.07
5	Packing Plant -1 Bag Filter	14.15
6	Packing Plant -2 Bag Filter	13.32

AMBIENT AIR MONITORING RESULTS (MARCH 2015) (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 (Near Adm. Office)	59.3	19.47	7.6	11.9
Station No. 2 (Near Scrap Yard)	63.8	19.23	7.3	10.8
Station No. 3 (Near MPSS)	60.6	17.96	7.8	11.1
Station No. 4 (Towards Navagraon)	61.3	18.73	7.3	10.8
Station No. 5 (Towards Pater Phaloo)	48.5	17.23	7.2	12.1
Station No. 6 (Towards Ratyor)	57.3	16.50	7.9	12

TREATED SEWAGE WATER QUALITY (MARCH 2015) (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	8.5	-
TSS	Mg/lit.	20	35	28	40	55	48
BOD _{5day}	Mg/lit.	1	20	14.8	12	18	14.4
COD	Mg/lit.	40	60	52	40	80	56

RESULTS OF ONLINE EMISSION MONITOR ATTACHED TO CEMENT MILL STACK (MARCH 2015)

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	1	35	15

Ambuja Cements Limited (Unit: Nalagarh)
Village Navagraon, P.O. Jajhra, Tehsil Nalagarh, Distt. Solan (H.P.) 174 101
(Regd. Off.: P.O. Ambujanagar, Taluka Kodinar, Distt. Junagarh, Gujarat – 362 715)

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ONLINE AMBIENT AIR QUALITY MONITORING RESULTS (MARCH 2015)

Date	PM 10	PM 2.5	CO	SO ₂	NO _x
	ug/m ³	ug/m ³	mg/m ³	ug/m ³	ug/m ³
01/03/2015	24.41	9.19	0.57	5.08	15.81
02/03/2015	10.71	3.55	0.48	2.29	15.81
03/03/2015	27.7	9.93	0.48	3.3	14.41
04/03/2015	25.71	6.37	0.53	2.08	15.82
05/03/2015	39.61	9.85	0.56	3.71	15.82
06/03/2015	16.69	5.95	0.53	2.42	15.81
07/03/2015	28.86	9.23	0.58	3.33	15.81
08/03/2015	26.21	8.68	0.57	4.53	15.83
09/03/2015	45.66	9.86	0.51	4.4	15.81
10/03/2015	36.69	7.61	0.56	3.06	15.8
11/03/2015	21.13	4.74	0.6	5.46	15.83
12/03/2015	39.2	9.28	0.61	4.63	15.81
13/03/2015	48.36	11.74	0.61	9.76	15.8
14/03/2015	60.74	13.77	0.62	5.42	15.83
15/03/2015	20.94	7.29	0.53	4.07	15.82
16/03/2015	9.21	3.60	0.53	3.02	15.82
17/03/2015	13.91	6.56	0.52	4.15	15.83
18/03/2015	37.15	16.8	0.56	3.24	15.82
19/03/2015	38.81	21.57	0.55	4.44	15.82
20/03/2015	55.35	24.16	0.59	3.04	15.81
21/03/2015	47.59	21.35	0.6	4.6	15.83
22/03/2015	47.85	17.15	0.63	3.33	15.81
23/03/2015	51.33	19.93	0.62	3.62	15.84
24/03/2015	51.11	2.4	0.63	4.8	15.84
25/03/2015	64.5	2.17	0.69	4.86	15.82
26/03/2015	64.37	1.55	0.63	3.54	15.82
27/03/2015	65.08	7.76	0.6	3.64	15.81
28/03/2015	66.74	15.8	0.61	3.49	15.81
29/03/2015	52.17	14.25	0.57	3.3	15.84
30/03/2015	31.6	7.39	0.55	3.29	15.82
31/03/2015	42.76	10.77	0.57	4.60	15.86

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (MARCH 2015)

Stations	Parameters		
	Nickel (ng/M ³)	Arsenic (ng/M ³)	Lead (µg/M ³)
Station No. 1 (Near Adm. Office)	ND	ND	ND
Station No. 2 (Near Scrap Yard)	ND	ND	ND
Station No. 3 (Near MPSS)	ND	ND	ND
Station No. 4 (Towards Navagraon)	ND	ND	ND
Station No. 5 (Towards Pater Phaloo)	ND	ND	ND
Station No. 6 (Towards Ratyor)	ND	ND	ND

ND – Not Detected.