

Ambuja Cement

STACK EMISSION MONITORING RESULTS (APRIL 2015)

(Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	16.19
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	14.80
4	Clinker Dump Hopper-2 Bag Filter	13.85
5	Packing Plant -1 Bag Filter	13.94
6	Packing Plant -2 Bag Filter	11.26

AMBIENT AIR MONITORING RESULTS (APRIL 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)	70.8	21.11	7.5	11.0
Station No. 2 (Near Scrap Yard)	67.8	22.12	8.4	11.8
Station No. 3 (Near MPSS)	68.5	23.27	8.0	11.7
Station No. 4 (Towards Navagraon)	65.3	20.65	7.3	11.0
Station No. 5 (Towards Pater Phaloo)	70.5	19.62	7.6	11.4
Station No. 6 (Towards Ratyor)	72.2	22.54	7.0	9.9

TREATED SEWAGE WATER QUALITY (APRIL 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.	25	35	29.6	35	50	42
BOD _{5day}	Mg/lit.	10	20	13.6	10	18	13.2
COD	Mg/lit.	40	80	56	40	80	52

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

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	1	35	14

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)

Ambuja Cement

ONLINE AMBIENT AIR QUALITY MONITORING RESULTS (APRIL 2015)

Date	PM 10	PM 2.5	CO	SO2	NOx
	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3
01/04/2015	43.34	9.79	0.54	3.8	15.83
02/04/2015	27.05	6.84	0.5	4.43	15.83
03/04/2015	31.41	8.13	0.53	2.62	15.82
04/04/2015	26.71	7.39	0.54	3.43	15.83
05/04/2015	26.05	8.69	0.54	3.79	15.83
06/04/2015	36.86	11.81	0.58	2.97	15.82
07/04/2015	29.81	8.61	0.55	2.65	15.83
08/04/2015	24.68	6.91	0.51	3.73	15.83
09/04/2015	43.69	9.99	0.55	3.07	15.82
10/04/2015	40.76	11.44	0.58	4.63	15.84
11/04/2015	52.2	16.9	0.66	6.6	15.83
12/04/2015	58.56	19.25	0.62	3.71	15.82
13/04/2015	57.62	17.7	0.57	2.56	15.81
14/04/2015	51.55	17.44	0.59	3.45	15.82
15/04/2015	58.71	22.88	0.6	4.83	15.84
16/04/2015	23.63	5.94	0.61	3.72	15.81
17/04/2015	37.44	11.32	0.59	2.84	15.82
18/04/2015	67.31	16.3	0.57	2.96	15.82
19/04/2015	74.31	18.01	0.55	3.54	15.81
20/04/2015	91.64	21.97	0.55	4.99	15.83
21/04/2015	94.96	25.01	0.63	4.03	15.81
22/04/2015	41.63	11.23	0.54	5.67	15.83
23/04/2015	47.36	12.44	0.57	3.77	15.82
24/04/2015	34.08	12.83	0.58	4.95	15.82
25/04/2015	60.12	14.43	0.59	6.44	15.82
26/04/2015	44.71	12.85	0.56	4.21	15.82
27/04/2015	52.43	12.87	0.58	4.14	15.82
28/04/2015	49.04	14.9	0.63	4.42	14.56
29/04/2015	30.36	11.6	0.44	3.21	22.38
30/04/2015	39.44	15.33	0.42	1.93	23.69

Ambuja

Cement

HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (APRIL 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.