

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	12.6
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	10.43
4	Clinker Dump Hopper-2 Bag Filter	11.72
5	Packing Plant -1 Bag Filter	15.22
6	Packing Plant -2 Bag Filter	12.94

AMBIENT AIR MONITORING RESULTS (JANUARY 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)	63.6	18.75	7.4	11.3
Station No. 2 (Near Scrap Yard)	61.2	17.69	7.0	10.7
Station No. 3 (Near MPSS)	64.6	16.88	8.0	10.8
Station No. 4 (Towards Navagraon)	61.7	18.58	7.1	9.8
Station No. 5 (Towards Pater Phaloo)	63.4	19.35	7.1	11.2
Station No. 6 (Towards Ratyor)	64.5	16.38	7.5	11.2

TREATED SEWAGE WATER QUALITY (JANUARY 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	9.0	-
TSS	Mg/lt.	25	40	31	30	50	40
BOD _{5day}	Mg/lt.	10	16	13.2	14	26	19.6
COD	Mg/lt.	40	60	52	40	80	64

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

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	2	28	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 (JANUARY 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
01/01/2015	47.6	10.96	0.73	5.55	17.89
02/01/2015	41.69	11.34	0.77	3.75	17.85
03/01/2015	38.73	7.75	0.67	5.65	17.89
04/01/2015	39.1	6.91	0.66	3.81	17.9
05/01/2015	49.44	11.19	0.77	3.94	17.9
06/01/2015	41.61	9.07	0.85	4.69	17.92
07/01/2015	44.26	8.34	0.83	5.5	17.89
08/01/2015	46.03	6.78	0.86	7.88	17.9
09/01/2015	43.58	6.2	0.9	4.2	17.91
10/01/2015	40.32	6.2	0.9	4.2	17.91
11/01/2015	*	*	*	*	*
12/01/2015	43.49	7.77	0.86	7.07	17.94
13/01/2015	44.11	6.36	0.88	6.63	17.94
14/01/2015	41.56	6	0.72	3.29	17.91
15/01/2015	46.75	6.39	0.62	3.72	17.93
16/01/2015	48.86	8.3	0.61	9.19	17.92
17/01/2015	49.87	8.22	0.69	3.56	17.92
18/01/2015	48.9	8.2	0.69	3.08	17.91
19/01/2015	50.88	10.64	0.86	2.97	17.91
20/01/2015	51.63	24.15	0.91	7.12	17.93
21/01/2015	53.36	11.77	0.87	6.15	17.92
22/01/2015	61.56	4.87	0.6	5.56	17.92
23/01/2015	60.77	6.47	0.6	5.41	17.91
24/01/2015	69.28	8.56	0.69	4.11	17.93
25/01/2015	55.89	10.39	0.69	2.31	17.92
26/01/2015	52.74	10	0.66	4.59	17.95
27/01/2015	58.67	9.29	0.68	3.34	17.91
28/01/2015	64.14	9.06	0.69	4.03	17.93
29/01/2015	59.47	16.36	0.66	4.26	17.83
30/01/2015	77.77	16.99	0.6	3.89	17.73
31/01/2015	221.86	25.92	0.63	3.39	16.11

* - Problem in analyser

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

HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (JANUARY 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.