

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	9.95
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	11.33
4	Clinker Dump Hopper-2 Bag Filter	13.55
5	Packing Plant -1 Bag Filter	13.84
6	Packing Plant -2 Bag Filter	12.75

AMBIENT AIR MONITORING RESULTS (FEBRUARY 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)	60.5	18.08	7.2	9.8
Station No. 2 (Near Scrap Yard)	54.6	19.71	7.3	9.6
Station No. 3 (Near MPSS)	56.9	19.35	8.3	11.5
Station No. 4 (Towards Navagraon)	59.5	18.27	7.6	10.6
Station No. 5 (Towards Pater Phaloo)	57.9	16.77	8.6	12.4
Station No. 6 (Towards Ratyor)	58.1	17.65	7.9	11.3

TREATED SEWAGE WATER QUALITY (FEBRUARY 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/lt.	30	45	36	35	60	46
BOD _{5day}	Mg/lt.	12	22	16.4	16	26	20.8
COD	Mg/lt.	40	60	48	40	80	60

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

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	1	20	8

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 (FEBRUARY 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
01/02/2015	230.04	41.82	0.72	4.78	16.11
02/02/2015	115.43	30.69	0.73	4.28	16.12
03/02/2015	67.49	9.04	0.63	4.14	16.12
04/02/2015	64.14	7.1	0.71	3.78	16.13
05/02/2015	82.21	5.78	0.64	2.19	16.1
06/02/2015	78.26	6.26	0.62	8.4	16.14
07/02/2015	68.19	5.6	0.66	3.55	16.13
08/02/2015	70.57	5.31	0.61	2.73	16.1
09/02/2015	64.74	5.96	0.61	2.31	16.1
10/02/2015	55.69	5.86	0.67	4.83	16.13
11/02/2015	56.91	6.05	0.74	4.56	16.11
12/02/2015	55.6	6.77	0.73	5.36	16.12
13/02/2015	64.4	6.94	0.69	2.18	16.11
14/02/2015	57.4	7.27	0.73	4.01	16.1
15/02/2015	52.37	8.13	0.77	3.45	16.1
16/02/2015	42.12	6.87	0.72	5.28	*
17/02/2015	63.64	4.73	0.6	4.45	*
18/02/2015	53.07	5.7	0.62	4.12	16.12
19/02/2015	50.04	5.09	0.54	3.5	16.1
20/02/2015	35.44	4.24	0.54	3.99	16.11
21/02/2015	*	*	*	*	*
22/02/2015	*	*	*	*	*
23/02/2015	*	*	*	*	*
24/02/2015	*	*	*	*	*
25/02/2015	12.43	10.01	*	*	16.67
26/02/2015	16.54	14.9	*	*	15.8
27/02/2015	27.05	13.24	*	*	15.84
28/02/2015	38.84	11.76	*	*	15.82

* - Analyser under maintenance.

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (FEBRUARY 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.