

Ambuja Cement

STACK EMISSION MONITORING RESULTS (MARCH 2014) (Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	8.52
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	13.59
4	Clinker Dump Hopper-2 Bag Filter	13.44
5	Packing Plant -1 Bag Filter	13.13
6	Packing Plant -2 Bag Filter	13.16

AMBIENT AIR MONITORING RESULTS (MARCH 2014) (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)	82.2	23.94	8.2	11.8
Station No. 2 (Near Scrap Yard)	84.9	22.02	8.4	12.3
Station No. 3 (Near MPSS)	80.0	27.16	7.7	11.0
Station No. 4 (Towards Navagraon)	82.4	26.28	7.9	10.6
Station No. 5 (Towards Pater Phaloo)	78.8	23.04	7.8	11.0
Station No. 6 (Towards Ratyor)	73.9	23.92	7.8	11.6

TREATED SEWAGE WATER QUALITY (MARCH 2014) (Average Values)

Parameters	Units	Minimum Value	Maximum Value	Average
pH	-	8.0	8.5	-
TSS	Mg/lit.	25	45	31
BOD _{5day}	Mg/lit.	12	25	19.4
COD	Mg/lit.	60	120	92

RESULTS OF ONLINE EMISSION MONITOR ATTACHED TO CEMENT MILL STACK (MARCH 2014)

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	2	25	12

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 2014)

Date	SPM ug/m3	SPM2^5 ug/m3	CO mg/m3	SO2 ug/m3	NOX ug/m3
01/03/2014	26.31	4.25	0.31	7.85	1.56
02/03/2014	25.47	5.06	0.24	6.77	1.28
03/03/2014	33.68	7.16	0.22	9.01	1.4
04/03/2014	46.85	6.1	0.23	9.62	1.19
05/03/2014	54.87	8.92	0.25	8.03	1.5
06/03/2014	60.25	11.99	0.25	8.35	1.61
07/03/2014	65.13	12.9	0.23	7.11	1.52
08/03/2014	63.76	14.07	0.19	8.32	1.34
09/03/2014	56.7	13.73	0.19	7.16	1.62
10/03/2014	124.3	11.75	0.21	7.27	1.65
11/03/2014	22.88	4.43	0.2	9.13	1.4
12/03/2014	34.46	7.56	0.25	7.97	1.72
13/03/2014	52.99	18.48	0.28	7.67	1.64
14/03/2014	65.36	21.79	0.24	8.23	1.4
15/03/2014	84.6	26.52	0.22	8.46	1.77
16/03/2014	134.25	25.22	0.28	6.14	1.13
17/03/2014	159.63	25.76	0.18	8.76	1.46
18/03/2014	40.4	11.56	0.23	7.32	1.37
19/03/2014	61.43	42.98	0.19	6.94	1.06
20/03/2014	65.41	24	0.28	6.6	1.41
21/03/2014	72	26.64	*	5.93	1.44
22/03/2014	144.72	27.42	*	7.36	1.26
23/03/2014	143.1	31.73	*	7.88	1.11
24/03/2014	119.68	22.93	*	7.78	1.17
25/03/2014	*	*	*	*	*
26/03/2014	72.25	26.79	*	7.19	1.21
27/03/2014	110.21	25.14	*	7.29	1.95
28/03/2014	44.19	12.02	0.21	4.15	2.28
29/03/2014	40.49	11.02	0.23	5.20	2.48
30/03/2014	45.04	11.81	0.23	4.70	2.57
31/03/2014	54.25	14.98	0.21	5.29	2.66

- Analyser problem.

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (MARCH 2014)

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.