

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	9.46
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	11.88
4	Clinker Dump Hopper-2 Bag Filter	12.88
5	Packing Plant -1 Bag Filter	13.30
6	Packing Plant -2 Bag Filter	14.58

AMBIENT AIR MONITORING RESULTS (MAY 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)	78.9	27.35	8.7	11.9
Station No. 2 (Near Scrap Yard)	83.2	26.38	8.3	12.2
Station No. 3 (Near MPSS)	77.8	28.44	9.1	13.5
Station No. 4 (Towards Navagraon)	72.8	26.48	7.8	12
Station No. 5 (Towards Pater Phaloo)	77.1	24.23	9.2	12.8
Station No. 6 (Towards Ratyor)	75.0	26.77	8.2	11

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

Parameters	Units	Minimum Value	Maximum Value	Average
pH	-	8.0	8.5	-
TSS	Mg/lit.	25	40	35
BOD _{5day}	Mg/lit.	12	22	16.4
COD	Mg/lit.	40	80	64

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

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	1	18	9.5

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 (MAY 2014)

Date	PM 10	PM 2.5	CO	SO2	NOX
	ug/m3	ug/m3	mg/m3	ug/m3	ug/m3
01/05/2014	*	*	*	*	*
02/05/2014	*	*	*	*	*
03/05/2014	66.83	33.95	0.22	5	13.88
04/05/2014	156.98	25.35	0.26	5.35	13.88
05/05/2014	43.15	18.75	0.21	4.35	13.91
06/05/2014	78.71	23.08	0.2	6.8	13.9
07/05/2014	*	24	0.16	6.62	13.9
08/05/2014	80.58	26.3	0.22	4.83	13.91
09/05/2014	95.73	28.34	0.23	5.71	13.91
10/05/2014	74.27	22.32	0.21	8.81	13.87
11/05/2014	76.82	23.18	0.19	5.63	13.9
12/05/2014	38.41	12.86	0.23	4.68	13.87
13/05/2014	36.06	11.78	0.18	5.99	13.87
14/05/2014	45.58	27.42	0.24	5.16	13.88
15/05/2014	98.54	41.94	0.28	5.18	13.9
16/05/2014	99.43	41.62	0.21	4.96	13.79
17/05/2014	83.72	31.62	0.29	5	13.9
18/05/2014	80.41	36.49	0.23	4.3	13.89
19/05/2014	85.82	38.95	0.24	4.55	13.9
20/05/2014	87.01	32.26	0.23	5.63	13.88
21/05/2014	62.88	18.26	0.25	5.2	13.91
22/05/2014	63.61	18.56	0.29	4.89	13.91
23/05/2014	62.23	18.69	0.18	4.61	13.91
24/05/2014	44.55	18.61	0.19	4.6	13.9
25/05/2014	82.22	24.07	0.18	4.2	13.88
26/05/2014	44.64	18.81	0.23	4.33	13.91
27/05/2014	66.24	20.72	0.24	4.72	13.89
28/05/2014	59.79	19.59	0.21	4.34	13.89
29/05/2014	63.21	21.34	0.3	4.16	13.91
30/05/2014	57.76	24.21	0.19	4.99	13.9
31/05/2014	82.14	28.78	0.33	4.35	13.91

* - System problem.

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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (MAY 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.