

Ambuja Cement

STACK EMISSION MONITORING RESULTS (SEPTEMBER 2016) (Monthly Average Value)

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	9.15
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	14.57
4	Clinker Dump Hopper-2 Bag Filter	10.80
5	Packing Plant -1 Bag Filter	13.87
6	Packing Plant -2 Bag Filter	17.27

AMBIENT AIR MONITORING RESULTS (SEPTEMBER 2016) (Monthly 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 (Labour Hutment towards Jajhra)	57.2	18.04	7.2	9.7
Station No. 2 (Rain Water Harvesting)	55.3	17.54	7.0	9.3
Station No. 3 (Rooftop of Adm. Block)	62.1	20.04	6.2	8.4
Station No. 4 (Rooftop of Guest House)	56.7	15.92	6.8	10.3
Station No. 5 (Near Nursery towards Pater Phaloo)	49.5	19.15	7.1	9.6
Station No. 6 (STP- Towards Ratyor)	53.3	17.19	6.1	10.1

TREATED SEWAGE WATER QUALITY (SEPTEMBER 2016) (Monthly Average Values)

Parameters	Units	STP1 Inside Plant			STP2 Outside Plant		
		Minimum Value	Maximum Value	Average	Minimum Value	Maximum Value	Average
pH	-	7.5	8.5	-	7.5	8.5	-
TSS	Mg/lt.	20	50	39	40	70	55
BOD _{5day}	Mg/lt.	12	20	16	14	26	20.8
COD	Mg/lt.	40	80	72	60	100	76

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ONLINE AMBIENT AIR QUALITY & STACK EMISSION MONITORING RESULTS - (SEPTEMBER 2016)

Date	CAAQMS Data					Stack Emission Data
	PM 10 (ug/m3)	PM 2.5 (ug/m3)	CO (ug/m3)	SO ₂ (ug/m3)	Nox (ug/m3)	PM Concentration (mg/M3)
01/08/2016	20.86	5.28	0.12	*	8.89	3.57
02/08/2016	30.41	6.33	0.10	*	9.50	1.09
03/08/2016	39.59	7.33	0.01	*	11.71	1.08
04/08/2016	51.97	8.71	0	*	13.80	3.32
05/08/2016	47.66	7.29	0	*	14.49	0.91
06/08/2016	110.21	7.47	0	*	11.57	1.6
07/08/2016	28.2	5.35	0.03	*	9.56	4.54
08/08/2016	48.3	6.86	0	*	10.25	3.25
09/08/2016	45.6	5.74	0	*	9.91	1.43
10/08/2016	23.95	4.01	0	*	10.19	2.46
11/08/2016	28.25	5.65	0	*	13.78	1.93
12/08/2016	25.34	4.32	0	*	10.96	3.56
13/08/2016	30.96	3.93	0	*	10.54	1.19
14/08/2016	48.58	5.61	0	*	10.1	3.45
15/08/2016	59.98	7.1	0	*	9.78	1.12
16/08/2016	60.53	7.54	0	*	10.05	1.11
17/08/2016	50.22	10.78	0.41	8.14	13.94	4.05
18/08/2016	42.03	18.26	0.66	1.87	20.22	2.45
19/08/2016	50.19	19.2	0.61	2.15	20.3	0.89
20/08/2016	41.15	14.09	0.57	1.38	19.97	2.91
21/08/2016	39.38	6.62	0.64	17.13	20.2	3.54
22/08/2016	46.22	6.40	0.59	30.38	19.38	1.77
23/08/2016	41.07	12.38	0.6	35.14	20.2	1.18
24/08/2016	42.32	9.4	0.6	37.17	19.07	3.96
25/08/2016	39.87	9.75	0.58	39.51	19.69	2.82
26/08/2016	43.98	7.64	0.51	37.19	19.52	1.16
27/08/2016	36.05	9.09	0.56	35.61	18.96	3.96
28/08/2016	48.9	9.67	0.58	38.21	19.75	0.89
29/08/2016	48.16	8.47	0.58	37.44	18.94	1.58
30/08/2016	42.32	11.98	0.57	42.17	19.65	4.13
31/08/2016	40.68	9.73	0.59	53.59	18.67	4.97

* - Problem in Analyser

Ambuja Cements Limited (Unit: Nalagarh)
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CIN:L26942GJ1981PLC004717

Ambuja

Cement

HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (SEPTEMBER 2016)

Stations	Parameters		
	Nickel (ng/M ³)	Arsenic (ng/M ³)	Lead (µg/M ³)
Station No. 1 (Labour Hutment towards Jajhra)	ND	ND	ND
Station No. 2 (Rain Water Harvesting)	ND	ND	ND
Station No. 3 (Rooftop of Adm. Block)	ND	ND	ND
Station No. 4 (Rooftop of Guest House)	ND	ND	ND
Station No. 5 (Near Nursery towards Pater Phaloo)	ND	ND	ND
Station No. 6 (STP- Towards Ratyor)	ND	ND	ND

ND – Not Detected.