

Ambuja Cement

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

Sr. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Cement Mill Bag House	8.5
2	D.G. Set	Not Operated
3	Clinker Dump Hopper-1 Bag Filter	12.19
4	Clinker Dump Hopper-2 Bag Filter	13.95
5	Packing Plant -1 Bag Filter	12.65
6	Packing Plant -2 Bag Filter	13.65

AMBIENT AIR MONITORING RESULTS (FEBRUARY 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)	72.3	25.35	8.7	11.4
Station No. 2 (Near Scrap Yard)	70.5	28.20	9.5	12.7
Station No. 3 (Near MPSS)	74.6	24.36	8.7	11.9
Station No. 4 (Towards Navagraon)	71.3	25.04	8.4	10.5
Station No. 5 (Towards Pater Phaloo)	69.7	26.69	8.0	11.2
Station No. 6 (Towards Ratyor)	72.9	25.27	9.0	12

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

Parameters	Units	Minimum Value	Maximum Value	Average
pH	-	8.0	8.5	-
TSS	Mg/lt.	20	40	32
BOD _{5day}	Mg/lt.	12	24	18.8
COD	Mg/lt.	60	120	88

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

PARAMETER	Particulate Matter Concentration		
	Minimum	Maximum	Average
Particulate Matter Conc. (mg/M ³)	2	25	9.8

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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HEAVY METAL MONITORING IN AMBIENT AIR QUALITY (FEBRUARY 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.