

# Ambuja Cement Unit Rauri

## 1. Stack Emission Monitoring Report for the Month of August, 2017

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm <sup>3</sup> )		
		Monthly Average	Min. Value	Max. Value
1	Glass Bag House	4.44	3.29	5.32
2	Cooler ESP	23.77	18.16	28.58
3	Coal Mill B/F	6.76	6.00	7.35
4.	Limestone Crusher B/F	11.40	8.70	16.97

## 2. (a) Ambient Air Quality Monitoring Report of Manual Stations for the Month of August, 2017

Sr. No.	Station	PM 2.5 µg/m <sup>3</sup>			PM 10 µg/m <sup>3</sup>		
		Average	Minimum	Maximum	Average	Minimum	Maximum
1	Station No. 1 (Rauri – North side of the Project)	16.35	8.33	26.25	38.67	29.76	53.52
2	Station No. 2 (Dhauti – West side of the Project)	16.82	6.67	27.92	44.24	35.98	59.27
3	Station No. 3 (Pleri – South side of the Project)	18.39	13.75	22.92	42.26	33.59	59.04

AMBUJA CEMENTS LIMITED (Unit Rauri)  
 P.O. Darlaghat-171 102 Tehsil Arki, Distt. Solan (H.P.)  
 Phone : 01796-306468, 306401, 306283, Fax: 248316, 248335  
 Regd. Off. : P.O. Ambuja Nagar, Taluka : Kodinar, Distt. Junagarh, Gujarat – 362 715

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## 2. (a) Monthly Average of SO<sub>2</sub> & NO<sub>2</sub> for the Month of August, 2017

Sr. No.	Station	SO <sub>2</sub> µg/m <sup>3</sup>			NO <sub>2</sub> µg/m <sup>3</sup>		
		Average	Minimum	Maximum	Average	Minimum	Maximum
1	Station No. 1 (Rauri – North side of the Plant)	4.00	3.00	5.00	9.14	7.00	12.00
2	Station No. 2 (Dhauti – West side of the Plant)	4.33	3.00	5.00	9.43	8.00	12.00
3	Station No. 3 (Pleri – South side of the Plant)	4.57	4.00	5.00	9.38	7.00	13.00

## 2. (a) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of August, 2017

	Station	Lead (µg/m <sup>3</sup> )	Nickel (ng/m <sup>3</sup> )	Arsenic (ng/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>1</b>	Station No. 1 (Rauri – North side of the Project)	ND	ND	ND	0.40
<b>2</b>	Station No. 2 (Dhauti – West side of the Project)	ND	ND	ND	0.41
<b>3</b>	Station No. 3 (Pleri – South side of the Project)	ND	ND	ND	0.41

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# Ambuja Cement

Environment Management Division  
Ambuja Cements Ltd. (Unit - Darlaghat)  
Ambient Noise Level Report – August, 2017

Station Name	Noise Level in dB(A)									
	1st Week		2nd Week		3rd Week		4th Week		Monthly Average	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Colony Area	53.5	40.4	49.6	44.7	54.1	43.6	55.1	50.9	53.1	44.9
Inside Cooperative Stores	55.2	48.6	52.4	47.8	54.4	49.5	54.3	46.2	54.1	48.0
Rauri Pumphouse	59.3	57.9	62.3	56.1	61.2	58.9	68.5	64.8	62.8	59.4
Time office Rauri	68.5	60.3	72.4	58.9	75.8	68.1	59.3	54.2	69.0	60.4
Inside CCR	56.9	52.4	63.8	56.7	58.1	58.9	51.7	50.5	57.6	54.6
Inside Mines Office	52.5	41.4	52.1	47.2	54.4	41.3	49.1	44.1	52.0	43.5
Kashlog Village	51.4	40.4	47.5	42.7	51.4	40.9	48.3	43.4	49.7	41.9
Magazine Section	56.4	40.8	50.2	44.8	53.5	42.9	50.2	43.6	52.6	43.0
Mines Reclaimed Area	50.8	43.1	51.6	47.2	52.4	43.5	50.8	47.2	51.4	45.3
Mangoo Village	46.1	41.3	49.2	40.7	50.9	41.8	49.1	44.8	48.8	42.2
Majathal Sanctuary	42.5	39.9	40.5	38.1	45.6	37.9	43.9	36.2	40.0	37.3

S. No.	Parameters	Treated Water results			Stipulated Limit by HPSPCB
		Min. (mg/lit)	Max.(mg/lit.)	Avg. (mg/lit.)	
1.	pH	7.4	7.7	7.56	-
2.	BOD(5days at 20 deg C	12	14	14	30mg/lit
3.	TSS	10	14	12.33	100mg/lit

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