

# Ambuja Cement Unit Rauri

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

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm <sup>3</sup> )		
		Monthly Average	Min. Value	Max. Value
1	Glass Bag House	6.37	3.01	9.22
2	Cooler ESP	18.05	14.83	26.96
3	Coal Mill B/F	14.92	13.95	15.70
4.	Limestone Crusher B/F	15.65	14.70	20.10

## 2. (a) Ambient Air Quality Monitoring Report of Manual Stations for the Month of March, 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)	13.33	8.75	22.50	66.95	44.96	88.62
2	Station No. 2 (Dhauti – West side of the Project)	17.08	8.33	26.67	59.54	49.49	78.44
3	Station No. 3 (Pleri – South side of the Project)	15.31	8.75	25.00	68.42	46.95	91.67

AMBUJA CEMENTS LIMITED (Unit Rauri)  
 P.O. Darlaghat-171 102 Tehsil Arki, Distt. Solan (H.P.)  
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 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 March, 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)	4.50	4.00	5.00	11.00	10.00	12.00
2	Station No. 2 (Dhauti – West side of the Plant)	4.63	4.00	5.00	11.50	9.00	15.00
3	Station No. 3 (Pleri – South side of the Plant)	4.50	4.00	5.00	12.38	10.00	15.00

## 2. (a) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of March, 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	0.420
<b>2</b>	Station No. 2 (Dhauti – West side of the Project)	ND	ND	ND	0.610
<b>3</b>	Station No. 3 (Pleri – South side of the Project)	ND	ND	ND	0.540

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# Ambuja Cement

Environment Management Division  
Ambuja Cements Ltd. (Unit - Darlaghat)  
Ambient Noise Level Report – March, 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	59.5	52.3	52.9	42.9	50.8	43.7	54.2	44.8
Inside Cooperative Stores	55.2	48.6	50.1	42.7	58.3	43.7	54.6	47.1	54.6	45.5
Rauri Pump house	64.3	61.8	62.5	58.9	67.2	61.9	65.3	59.6	64.8	60.6
Time office Rauri	63.1	59.2	65.8	61.6	64.6	62.1	66.7	61.9	65.1	61.2
Inside CCR	58.3	52.9	60.6	57.4	61.9	57.5	59.1	54.3	60.0	55.5
Inside Mines Office	52.5	41.4	52.2	42.2	51.6	44.1	52.5	43.8	52.2	42.9
Kashlog Village	51.4	42.7	53.7	41.5	50.8	43.2	51.3	40.9	51.8	42.1
Magazine Section	56.4	40.8	52.6	43.8	51.4	41.9	52.9	40.8	53.3	41.8
Mines Reclaimed Area	50.8	43.1	51.8	44.9	50.9	42.5	53.1	43.7	51.7	43.6
Mangoo Village	51.3	46.9	49.5	42.1	54.6	45.1	52.9	46.2	52.1	45.1
Majathal Sanctuary	43.6	36.1	45.9	38.3	41.8	37.4	44.2	36.8	43.9	37.2

#### 4. Sewage Water Reclamation Plant Monthly Avg Analysis Report March,2017

S. No.	Parameters	Treated Water results			Stipulated Limit by HPSPCB
		Min. (mg/lit)	Max.(mg/lit.)	Avg. (mg/lit.)	
1.	pH	7.2	7.7	7.4	-
2.	BOD(5days at 20 deg C	12	14	13	30mg/lit
3.	TSS	10	16	12.43	100mg/lit

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