

Ambuja Cement Unit Rauri

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

| Sr. No. | Stacks Attached To | Particulate matter (mg/Nm ³) | | |
|---------|-----------------------|--|------------|------------|
| | | Monthly Average | Min. Value | Max. Value |
| 1 | Glass Bag House | 11.62 | 2.91 | 26.66 |
| 2 | Cooler ESP | 22.48 | 18.58 | 24.09 |
| 3 | Coal Mill B/F | 11.44 | 6.57 | 23.67 |
| 4. | Limestone Crusher B/F | 17.49 | 12.54 | 20.66 |

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

| Sr. No. | Station | PM 2.5 µg/m ³ | | | PM 10 µg/m ³ | | |
|---------|---|-----------------------------|---------|---------|----------------------------|---------|---------|
| | | Average | Minimum | Maximum | Average | Minimum | Maximum |
| 1 | Station No. 1 (Rauri – North side of the Project) | 13.91 | 10.42 | 18.33 | 42.16 | 32.69 | 55.1 |
| 2 | Station No. 2 (Dhauti – West side of the Project) | 14.43 | 9.58 | 20.42 | 35.05 | 27.11 | 46.81 |
| 3 | Station No. 3 (Pleri – South side of the Project) | 17.60 | 11.25 | 25.0 | 36.39 | 25.64 | 52.05 |

AMBUJA CEMENTS LIMITED (Unit Rauri)
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 Regd. Off. : P.O. Ambuja Nagar, Taluka : Kodinar, Distt. Junagarh, Gujarat – 362 715

Ambuja Cement

Unit Rauri

2. (a) Monthly Average of SO₂ & NO₂ for the Month of July, 2017

| Sr. No. | Station | SO ₂ µg/m ³ | | | NO ₂ µg/m ³ | | |
|---------|---|--------------------------------------|---------|---------|--------------------------------------|---------|---------|
| | | Average | Minimum | Maximum | Average | Minimum | Maximum |
| 1 | Station No. 1 (Rauri – North side of the Plant) | 4.00 | 3.00 | 5.00 | 10.88 | 7.00 | 15.00 |
| 2 | Station No. 2 (Dhauti – West side of the Plant) | 4.50 | 4.00 | 5.00 | 11.38 | 8.00 | 14.00 |
| 3 | Station No. 3 (Pleri – South side of the Plant) | 4.50 | 3.00 | 6.00 | 11.50 | 7.00 | 15.00 |

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

| | Station | Lead (µg/m ³) | Nickel (ng/m ³) | Arsenic (ng/m ³) | CO (mg/m ³) |
|----------|---|------------------------------|--------------------------------|---------------------------------|----------------------------|
| 1 | Station No. 1 (Rauri – North side of the Project) | ND | ND | ND | 0.39 |
| 2 | Station No. 2 (Dhauti – West side of the Project) | ND | ND | ND | 0.34 |
| 3 | Station No. 3 (Pleri – South side of the Project) | ND | ND | ND | 0.34 |

Ambuja Cement

Environment Management Division
Ambuja Cements Ltd. (Unit - Darlaghat)
Ambient Noise Level Report – July, 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 | 50.7 | 42.5 | 51.1 | 46.1 | 51.1 | 42.4 | 48.3 | 41.4 | 50.3 | 43.1 |
| Inside Cooperative Stores | 58.6 | 51.4 | 56.0 | 49.3 | 57.8 | 51.1 | 55.9 | 48.4 | 57.1 | 50.1 |
| Rauri Pumphouse | 52.8 | 47.2 | 63.4 | 58.7 | 52.8 | 47.2 | 63.4 | 58.7 | 58.1 | 53.0 |
| Time office Rauri | 62.4 | 58.2 | 60.9 | 55.1 | 62.4 | 58.2 | 60.9 | 55.1 | 61.7 | 56.7 |
| Inside CCR | 62.2 | 52.1 | 54.3 | 45.7 | 62.2 | 52.1 | 54.3 | 45.7 | 58.3 | 48.9 |
| Inside Mines Office | 51.6 | 40.2 | 54.6 | 42.9 | 54.9 | 43.9 | 53.4 | 43.8 | 53.6 | 42.7 |
| Kashlog Village | 52.5 | 41.5 | 45.7 | 41.6 | 52.3 | 42.8 | 51.2 | 41.5 | 50.4 | 41.9 |
| Magazine Section | 49.7 | 40.8 | 50.2 | 43.8 | 54.8 | 48.6 | 56.4 | 41.9 | 52.8 | 43.8 |
| Mines Reclaimed Area | 51.8 | 42.5 | 53.0 | 47.1 | 56.6 | 45.4 | 53.9 | 42.7 | 53.8 | 44.4 |
| Mangoo Village | 48.7 | 40.8 | 51.6 | 46.4 | 54.8 | 43.5 | 47.8 | 44.9 | 50.7 | 43.9 |
| Majathal Sanctuary | 40.9 | 36.2 | 42.7 | 38.9 | 41.5 | 37.8 | 43.1 | 38.2 | 42.1 | 37.8 |

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

| 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 | 7.5 | - |
| 2. | BOD(5days at 20 deg C | 12 | 14 | 13 | 30mg/lit |
| 3. | TSS | 12 | 16 | 14 | 100mg/lit |

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