

# Ambuja Cement

## STACK EMISSION MONITORING RESULTS (For the month of MARCH - 2010)

| Sr. No. | Stacks Attached To | Particulate matter (mg/Nm <sup>3</sup> ) |         |          |         |            |            |
|---------|--------------------|--|---------|----------|---------|------------|------------|
|         |                    | Week                                     |         |          |         | Min. Value | Max. Value |
|         |                    | I Week                                   | II Week | III Week | IV Week |            |            |
| 1       | Glass Bag House    | 39.89                                    | 34.68   | 38.81    | 40.72   | 34.68      | 40.72      |
| 2       | Cooler ESP         | 46.48                                    | 54.22   | 48.67    | 49.99   | 46.48      | 54.22      |
| 3       | Cement Mill ESP    | 52.55                                    | 49.01   | 44.70    | 55.59   | 44.70      | 55.59      |
| 4       | Coal Mill B/F      | 46.90                                    | 52.72   | 49.30    | 54.30   | 46.90      | 54.30      |
| 5       | Main Crusher B/F   | 53.84                                    | 49.73   | 46.96    | 51.18   | 46.96      | 53.84      |

## WATER QUALITY ANALYSIS FOR GYANA KHAD (For the Month of MARCH - 2010)

| FREQUENCY        | SAMPLING POINTS | PARAMTERS |               |               |              |
|------------------|-----------------|-----------|---------------|---------------|--------------|
|                  |                 | pH        | TSS (mg/Lit.) | TDS (mg/Lit.) | DO (mg/Lit.) |
| FIRST FORTNIGHT  | 1               | 7.5       | 18.0          | 340.0         | 5.5          |
|                  | 2               | 7.2       | 25.0          | 325.0         | 5.8          |
|                  | 3               | 7.0       | 15.0          | 305.0         | 5.6          |
|                  | 4               | 7.5       | 20.0          | 320.0         | 5.5          |
| SECOND FORTNIGHT | 1               | 7.4       | 24.0          | 360.0         | 5.7          |
|                  | 2               | 7.5       | 20.0          | 345.0         | 5.5          |
|                  | 3               | 7.4       | 18.0          | 360.0         | 5.8          |
|                  | 4               | 7.3       | 22.0          | 300.0         | 5.6          |

### Sampling Points

1. 500 mts. upstream of First Nallah before joining Gyana Khad.
2. 500 mts. upstream of Second Nallah before joining Gyana Khad.
3. V- Notch Installed In Gyana Khad (SE side of ML Area)
4. 500 mts. downstream from V- notch of Gyana Khad.

AMBUJA CEMENTS LIMITED  
(UNIT SULI)

P.O. Darlaghat-171 102 Tehsil Arki, Distt. Solan (H.P.)  
Phone : 01796-246468, 246401, 246283, Fax: 248335, 248316  
(Regd. Off. : P.O. Ambuja Nagar, Taluka : Kodinar, Distt. Junagarh, Gujarat - 362 715)

# Ambuja Cement

## AMBIENT AIR QUALITY MONITORING RESULTS (For the Month of MARCH - 2010) (Monthly Average)

| Stations           | Suspended Particulate Matter ( $\mu\text{g}/\text{M}^3$ ) |                   |                     |            |            |
|--------------------|---|-------------------|---------------------|------------|------------|
|                    | <10 $\mu\text{g}$<br>(RSPM)                               | >10 $\mu\text{g}$ | Total SPM<br>(TSPM) | Min. Value | Max. Value |
| KHATA              | 74.2  | 86.1              | 160.3               | 138.9      | 178.3      |
| DARLAGHAT          | 73.8  | 84.3              | 158.1               | 139.0      | 174.5      |
| BAHAN              | 75.4  | 86.2              | 161.6               | 150.0      | 173.8      |
| MINES<br>DORMITORY | 76.2  | 85.7              | 161.9               | 141.5      | 179.1      |
| RATHOH             | 74.3  | 81.2              | 155.5               | 138.4      | 170.1      |
| MANGOO             | 76.3  | 84.7              | 161.0               | 145.3      | 175.0      |
| CHANDI             | 75.1  | 84.5              | 159.6               | 135.8      | 177.6      |
| PACHEUR            | 75.3  | 85.6              | 160.9               | 146.2      | 174.5      |
| RAURI              | 78.0  | 87.6              | 165.7               | 147.2      | 185.9      |
| BATEDH             | 77.6  | 85.8              | 163.4               | 150.0      | 177.4      |

## SEWAGE WATER RECLAMATION PLANT (Analysis Report – MARCH - 2010) (Monthly Average)

| Sr.<br>No. | PARAMETERS                | TREATED WATER<br>RESULTS |      |      | STIPULATED<br>LIMIT BY<br>HP SPCB |
|------------|---------------------------|--------------------------|------|------|-----------------------------------|
|            |                           | Min.                     | Max. | Avg. |                                   |
| 1.         | pH                        | 7.0                      | 7.5  | 7.2  | -                                 |
| 2.         | BOD (5 Days at 20 Deg. C) | 6                        | 12   | 10   | 30 mg/Lit.                        |
| 3.         | Total Suspended Solids    | 14                       | 32   | 23   | 100 mg/Lit.                       |

AMBUJA CEMENTS LIMITED  
(UNIT SULI)

P.O. Darlaghat-171 102 Tehsil Arki, Distt. Solan (H.P.)  
Phone : 01796-246468, 246401, 246283, Fax: 248335, 248316  
(Regd. Off. : P.O. Ambuja Nagar, Taluka : Kodinar, Distt. Junagarh, Gujarat – 362 715)