




**Jojobera Cement Plant**  
**Environment Monitoring Data for the Month of May, 2016**

**A. Stack Monitoring**

| S. No. | Stack Attached to | Bag Filter No. | Pollution Control Equipment | STD. (MAX) (Mg/NM <sup>3</sup> ) | Particulate Matter Actual (Mg/NM <sup>3</sup> ) |
|--------|-------------------|----------------|-----------------------------|----------------------------------|---|
| 1      | Slag Grinding     | 550BF2         | Bag Filter                  | 50                               | 26.55   |
| 2      | Slag Grinding     | 550BF4         | Bag Filter                  | 50                               | 20.30   |
| 3      | Slag Grinding     | 550BF6         | Bag Filter                  | 50                               | 24.20   |
| 4      | Slag Grinding     | 551BF2         | Bag Filter                  | 50                               | 27.10   |
| 5      | Slag Grinding     | 551BF4         | Bag Filter                  | 50                               | 29.20   |
| 6      | Slag Grinding     | 551BF6         | Bag Filter                  | 50                               | 20.69   |
| 7      | Slag Grinding     | 560BF1         | Bag Filter                  | 50                               | 22.50   |
| 8      | Clinker Grinding  | 565BF1         | Bag Filter                  | 50                               | 24.79   |
| 9      | Clinker Grinding  | 566BF1         | Bag Filter                  | 50                               | 25.41   |
| 10     | Clinker Grinding  | 567BF1         | Bag Filter                  | 50                               | 23.10   |
| 11     | Clinker Grinding  | 567BF2         | Bag Filter                  | 50                               | 27.59   |
| 12     | Clinker Grinding  | 568BF1         | Bag Filter                  | 50                               | 21.30   |
| 13     | Clinker Grinding  | 568BF2         | Bag Filter                  | 50                               | 25.70   |
| 14     | Clinker Grinding  | 570BF1         | Bag Filter                  | 50                               | 28.30   |
| 15     | Clinker Grinding  | 570BF2         | Bag Filter                  | 50                               | 30.09   |
| 16     | PPC II            | 571BF1         | Bag Filter                  | 50                               | 28.66   |
| 17     | PPC II            | 571BF2         | Bag Filter                  | 50                               | 22.80   |
| 18     | Packing Plant     | 661BF1         | Bag Filter                  | 50                               | 24.82   |
| 19     | Packing Plant     | 662BF1         | Bag Filter                  | 50                               | 21.60   |
| 20     | Packing Plant     | 663BF1         | Bag Filter                  | 50                               | 29.60   |
| 21     | VRM               | 456SK8         | Bag House                   | 50                               | 23.58   |
| 22     | Coal Mill         | 613SK16        | Bag Filter                  | 50                               | 30.70   |

  
( Manoj Kumar Agrawal )  
Vice President  
Jojobera Cement Plant

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**B. Ambient Air Quality (PM ≥ 10 micron)**

| POLLUTANTS | STD.<br>(MAX) | Ambient Air Quality (All values in Microgram/M3) |                              |                                    |                            |                            |
|------------|---------------|--|------------------------------|------------------------------------|----------------------------|----------------------------|
|            |               | Ambient Air Quality Monitoring Station           |                              |                                    |                            |                            |
|            |               | (1) Near<br>Time<br>Office                       | (2) Near<br>Material<br>Gate | (3) Near<br>Railway<br>over bridge | (4) Near<br>L.D.O.<br>Tank | (5) Near<br>Auto<br>garage |
| SPM        | 500           | 239.96   | 277.34                       | 262.10                             | 255.52                     | 244.93                     |
| SOx        | 80            | 22.14  | 25.42                        | 26.98                              | 25.85                      | 23.42                      |
| NOx        | 80            | 28.96  | 31.01                        | 29.81                              | 31.18                      | 29.30                      |


**C. Ambient Air Quality (PM ≤ 10 micron)**

| POLLUTANTS | STD.<br>(MAX) | Ambient Air Quality (All values in Microgram/M3) |                              |                                    |                            |                            |
|------------|---------------|--|------------------------------|------------------------------------|----------------------------|----------------------------|
|            |               | Ambient Air Quality Monitoring Station           |                              |                                    |                            |                            |
|            |               | (1) Near<br>Time<br>Office                       | (2) Near<br>Material<br>Gate | (3) Near<br>Railway<br>over bridge | (4) Near<br>L.D.O.<br>Tank | (5) Near<br>Auto<br>garage |
| RSPM       | 100           | 58.55  | 80.84                        | 73.85                              | 69.13                      | 75.95                      |

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**D. Ambient Air Quality (PM ≤ 2.5 micron)**

| POLLUTANTS | STD.<br>(MAX) | Ambient Air Quality (All values in Microgram/M3) |                              |                                    |                            |                            |
|------------|---------------|--|------------------------------|------------------------------------|----------------------------|----------------------------|
|            |               | Ambient Air Quality Monitoring Station           |                              |                                    |                            |                            |
|            |               | (1) Near<br>Time<br>Office                       | (2) Near<br>Material<br>Gate | (3) Near<br>Railway<br>over bridge | (4) Near<br>L.D.O.<br>Tank | (5) Near<br>Auto<br>garage |
| RSPM       | 60            | 33.21  | 37.36                        | 45.82                              | 39.76                      | 35.82                      |

  
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