

M/s Diamond Cement (Prop. Heidelberg Cement India Limited)- Grinding Unit, Jhansi(UP)

Month: Jan 2017

**TEST REPORT OF AMBIENT AIR QUALITY MONITORING**

| Location                | PM10( $\mu\text{g}/\text{m}^3$ ) | PM2.5( $\mu\text{g}/\text{m}^3$ ) | CO( $\mu\text{g}/\text{m}^3$ ) | SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ ) | NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ ) |
|-------------------------|----------------------------------|-----------------------------------|--------------------------------|--|--|
| Near ADM building       | 57.60                            | 31.43                             | 247                            | 10.78  | 20.99  |
| Near Khatibaba Temple   | 62.55                            | 36.50                             | 244                            | 10.55  | 21.93  |
| Behind New Weigh bridge | 70.53                            | 43.40                             | 246                            | 10.77  | 21.14  |
| Near 132 Kv switch yard | 68.90                            | 40.10                             | 250                            | 10.83  | 21.28  |

Month: Jan 2017

**TEST REPORT OF STACK MONITORING**

| Location.   | S-1           | S-2                   |
|---|---------------|-----------------------|
| Date of Monitoring  | 12.01.2017    | 12.01.2017            |
| Stack Attached to   | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples | 18.20         | 24.50                 |

Month: Jan 2017

**TEST REPORT OF FUGITIVE EMISSION MONITORING**

| <b>S.No</b> | <b>Locations</b>     | <b>Date</b> | <b>Particulate Matter<br/>(µg/m<sup>3</sup>)</b> |
|-------------|----------------------|-------------|--|
| 1           | Gypsum Hopper        | 12.01.17    | 1243   |
| 2           | Clinker Stock Pile-1 | 12.01.17    | 1333   |
| 3           | Clinker Stock Pile-2 | 12.01.17    | 1453   |
| 4           | Near Wagon Tippler   | 13.01.17    | 1242   |
| 5           | Gypsum Storage Yard  | 13.01.17    | 1331   |
| 6           | Near VRM             | 13.01.17    | 1247   |