

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

Month: Oct 2016

**TEST REPORT OF AMBIENT AIR QUALITY MONITORING**

| Location                | PM10( $\mu\text{g}/\text{m}^3$ ) | PM2.5( $\mu\text{g}/\text{m}^3$ ) | CO( $\mu\text{g}/\text{m}^3$ ) | SO2( $\mu\text{g}/\text{m}^3$ ) | NOx( $\mu\text{g}/\text{m}^3$ ) |
|-------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Near ADM building       | 59.60                            | 32.58                             | 244                            | 10.83                           | 20.66                           |
| Near Khatibaba Temple   | 63.55                            | 35.85                             | 242                            | 10.47                           | 20.52                           |
| Behind New Weigh bridge | 67.80                            | 39.86                             | 243                            | 10.65                           | 20.62                           |
| Near 132 Kv switch yard | 62.58                            | 37.25                             | 244                            | 10.54                           | 20.71                           |

Month: Oct 2016

**TEST REPORT OF STACK MONITORING**

| Location.   | S-1           | S-2                   |
|---|---------------|-----------------------|
| Date of Monitoring  | 14.10.2016    | 14.10.2016            |
| Stack Attached to   | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples | 17.20         | 22.62                 |

Month: Oct 2016

**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        | 14.10.16    | 1222   |
| 2           | Clinker Stock Pile-1 | 14.10.16    | 1338   |
| 3           | Clinker Stock Pile-2 | 14.10.16    | 1448   |
| 4           | Near Wagon Tippler   | 15.10.16    | 1262   |
| 5           | Gypsum Storage Yard  | 15.10.16    | 1340   |
| 6           | Near VRM             | 15.10.16    | 1283   |