

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

Month: August 2018

**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       | 60.10                            | 26.55                             | 251                            | 11.08  | 20.05  |
| Near Khatibaba Temple   | 69.50                            | 28.60                             | 245                            | 11.15  | 20.07  |
| Behind New Weigh bridge | 70.60                            | 31.85                             | 249                            | 11.17  | 20.18  |
| Near 132 Kv switch yard | 65.50                            | 29.65                             | 251                            | 11.12  | 20.21  |

Month: August 2018

**TEST REPORT OF STACK MONITORING**

| Location.   | S-1           | S-2                   |
|---|---------------|-----------------------|
| Date of Monitoring  | 26.08.18      | 25.08.18              |
| Stack Attached to   | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples | 18.40         | 22.80                 |

Month: August 2018

**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        | 25.08.2018  | 1385   |
| 2           | Clinker Stock Pile-1 | 25.08.2018  | 1402   |
| 3           | Clinker Stock Pile-2 | 27.08.2018  | 1398   |
| 4           | Near Wagon Tippler   | 27.08.2018  | 1465   |
| 5           | Gypsum Storage Yard  | 28.08.2018  | 1385   |
| 6           | Near VRM             | 28.08.2018  | 1298   |