

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

Month: June 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($\mu\text{g}/\text{m}^3$) | SO2($\mu\text{g}/\text{m}^3$) | NOx($\mu\text{g}/\text{m}^3$) |
|-------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Near ADM building | 64.10 | 28.40 | 257 | 10.31 | 19.95 |
| Near Khatibaba Temple | 65.30 | 30.20 | 251 | 9.97 | 19.53 |
| Behind New Weigh bridge | 71.80 | 35.20 | 256 | 10.24 | 19.76 |
| Near 132 Kv switch yard | 63.70 | 33.90 | 260 | 10.20 | 19.50 |

Month: June 2017

TEST REPORT OF STACK MONITORING

| Location. | S-1 | S-2 |
|---|---------------|-----------------------|
| Date of Monitoring | 22.06.2017 | 22.06.2017 |
| Stack Attached to | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm ³) Isokinetic samples | 14.80 | 19.70 |

Month: June 2017

TEST REPORT OF FUGITIVE EMISSION MONITORING

| S.No | Locations | Date | Particulate Matter (µg/m³) |
|-------------|----------------------|-------------|--|
| 1 | Gypsum Hopper | 22.06.17 | 1555 |
| 2 | Clinker Stock Pile-1 | 22.06.17 | 1478 |
| 3 | Clinker Stock Pile-2 | 23.06.17 | 1572 |
| 4 | Near Wagon Tippler | 23.06.17 | 1489 |
| 5 | Gypsum Storage Yard | 24.06.17 | 1420 |
| 6 | Near VRM | 24.06.17 | 1435 |