

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

Month: Feb 2021

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

| Location | PM10($\mu\text{g}/\text{m}^3$) | PM2.5($\mu\text{g}/\text{m}^3$) | CO(mg/m^3) | SO2($\mu\text{g}/\text{m}^3$) | NOx($\mu\text{g}/\text{m}^3$) |
|-------------------------|----------------------------------|-----------------------------------|------------------------------|---------------------------------|---------------------------------|
| Near ADM building | 82.5 | 47.38 | 0.48 | 12.93 | 19.56 |
| Near Khatibaba Temple | 80.9 | 43.02 | 0.52 | 12.83 | 18.05 |
| Behind New Weigh bridge | 95.2 | 53.76 | .53 | 14.06 | 22.54 |
| Near 132 Kv switch yard | 87.9 | 48.73 | 0.53 | 13.64 | 21.45 |

Month: Feb 2021

TEST REPORT OF STACK MONITORING

| Location. | S-1 | S-2 |
|---|---------------|-----------------------|
| Date of Monitoring | 15.02.21 | 15.02.21 |
| Stack Attached to | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm ³) Isokinetic samples | 14.59 | 16.26 |

Month: Feb 2021

TEST REPORT OF FUGITIVE EMISSION MONITORING

| S.No | Locations | Date | Particulate Matter ($\mu\text{g}/\text{m}^3$) |
|-------------|----------------------|-------------------------|---|
| 1 | Gypsum Hopper | 19.10.20 to 21-10.20 | 1263.2 |
| 2 | Clinker Stock Pile-1 | 19.10.20 to 21-10.20 | 1102.3 |
| 3 | Clinker Stock Pile-2 | 19.10.20 to 21-10.20 | 1088.5 |
| 4 | Near Wagon Tippler | 19.10.20 to 21-10.20 | 1205 |
| 5 | Gypsum Storage Yard | 19.10.20 to 21-10.20 | 1089.3 |
| 6 | Near VRM | 19.10.20 to 21-10.20 | 1123.9 |