

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

Month: Mar 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 | 86.2 | 45.54 | 0.51 | 13.28 | 20.16 |
| Near Khatibaba Temple | 85.4 | 49.77 | 0.50 | 13.76 | 20.12 |
| Behind New Weigh bridge | 92.4 | 55.33 | 0.56 | 14.25 | 22.91 |
| Near 132 Kv switch yard | 89.6 | 50.12 | 0.55 | 14.03 | 22.56 |

Month: Oct 2020

TEST REPORT OF STACK MONITORING

| Location. | S-1 | S-2 |
|---|---------------|-----------------------|
| Date of Monitoring | 17.03.21 | 17.03.21 |
| Stack Attached to | Bag House VRM | Bag House Cement Mill |
| Particulate Matter (mg/Nm ³) Isokinetic samples | 15.63 | 14.89 |

Month: Mar 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 | 1216.8 |
| 2 | Clinker Stock Pile-1 | 19.10.20 to 21-10.20 | 1095.6 |
| 3 | Clinker Stock Pile-2 | 19.10.20 to 21-10.20 | 1185.4 |
| 4 | Near Wagon Tippler | 19.10.20 to 21-10.20 | 1178.2 |
| 5 | Gypsum Storage Yard | 19.10.20 to 21-10.20 | 1105.9 |
| 6 | Near VRM | 19.10.20 to 21-10.20 | 1098.3 |