

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

Month: April 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	89.5	49.49	0.52	14.52	19.48
Near Khatibaba Temple	81.5	45.83	0.49	12.39	19.15
Behind New Weigh bridge	94.5	55.25	0.55	15.02	23.12
Near 132 Kv switch yard	86.4	51.04	0.53	13.98	21.49

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

Location	Ozone ($\mu\text{g}/\text{m}^3$)	Ammonia ($\mu\text{g}/\text{m}^3$)	Lead ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Benzo(a) Pyrene (ng/m^3)	Arsenic (ng/m^3)	Nickel (ng/m^3)
Near ADM building	BDL	11.96	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	BDL	12.36	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	BDL	13.59	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	BDL	13.61	BDL	BDL	BDL	BDL	BDL

Month: April 2021

TEST REPORT OF STACK MONITORING

Location.	S-1	S-2
Date of Monitoring	16.04.21	16.04.21
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm³) Isokinetic samples	15.65	17.54

Month: April 2021

TEST REPORT OF FUGITIVE EMISSION MONITORING

S.No	Locations	Date	Particulate Matter (µg/m³)
1	Gypsum Hopper	16.04.21 to 17.04.21	1236.4
2	Clinker Stock Pile-1	16.04.21 to 17.04.21	1180.2
3	Clinker Stock Pile-2	16.04.21 to 17.04.21	1095.6
4	Near Wagon Tippler	16.04.21 to 17.04.21	1242.5
5	Gypsum Storage Yard	16.04.21 to 17.04.21	1098.7
6	Near VRM	16.04.21 to 17.04.21	1102.3