

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

Month: Oct 2020

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	70.3	46.48	0.53	13.25	21.09
Near Khatibaba Temple	66.28	40.09	0.48	11.82	17.26
Behind New Weigh bridge	82.6	48.52	0.50	13.46	20.23
Near 132 Kv switch yard	80.3	45.85	0.52	13.27	20.05

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	13.82	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	BDL	12.52	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	BDL	13.85	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	BDL	13.65	BDL	BDL	BDL	BDL	BDL

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TEST REPORT OF STACK MONITORING

Location.	S-1	S-2
Date of Monitoring	19.10.20	20.10.20
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm³) Isokinetic samples	15.03	16.35

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TEST REPORT OF FUGITIVE EMISSION MONITORING

S.No	Locations	Date	Particulate Matter (µg/m³)
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1	Gypsum Hopper	19.10.20 to 21-10.20	1265.8
2	Clinker Stock Pile-1	19.10.20 to 21-10.20	1125.7
3	Clinker Stock Pile-2	19.10.20 to 21-10.20	1088.3
4	Near Wagon Tippler	19.10.20 to 21-10.20	1205.9
5	Gypsum Storage Yard	19.10.20 to 21-10.20	1097.5
6	Near VRM	19.10.20 to 21-10.20	1176.4