

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

Month: June 2016

TEST REPORT OF AMBIENT AIR QUALITY MONITORING

Location	PM10($\mu\text{g}/\text{m}^3$)	PM2.5($\mu\text{g}/\text{m}^3$)	CO($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)
Near ADM building	55.50	29.60	245	12.15	21.32
Near Khatibaba Temple	60.55	33.45	240	12.19	21.72
Behind New Weigh bridge	62.85	40.80	243	12.29	22.90
Near 132 Kv switch yard	58.60	33.75	245	11.03	19.48

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 ($\mu\text{g}/\text{m}^3$)	Arsenic ($\mu\text{g}/\text{m}^3$)	Nickel ($\mu\text{g}/\text{m}^3$)
Near ADM building	4.58	2.83	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	4.60	2.93	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	4.91	3.10	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	4.81	3.23	BDL	BDL	BDL	BDL	BDL

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TEST REPORT OF STACK MONITORING

Location.	S-1	S-2
Date of Monitoring	13.06.2016	13.06.2016
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm³) Isokinetic samples	27.80	29.95

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TEST REPORT OF FUGITIVE EMISSION MONITORING

S.No	Locations	Date	Particulate Matter (µg/m³)
1	Gypsum Hopper	13.06.16	1214
2	Clinker Stock Pile-1	13.06.16	1350
3	Clinker Stock Pile-2	13.06.16	1410
4	Near Wagon Tippler	14.06.16	1236
5	Gypsum Storage Yard	14.06.16	1345
6	Near VRM	14.06.16	1285