

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

Month: Mar 2018

**TEST REPORT OF AMBIENT AIR QUALITY MONITORING**

Location	PM10( $\mu\text{g}/\text{m}^3$ )	PM2.5( $\mu\text{g}/\text{m}^3$ )	CO( $\mu\text{g}/\text{m}^3$ )	SO2( $\mu\text{g}/\text{m}^3$ )	NOx( $\mu\text{g}/\text{m}^3$ )
Near ADM building	62.75	26.60	266	11.38	20.97
Near Khatibaba Temple	71.85	30.50	287	11.83	21.27
Behind New Weigh bridge	74.80	32.30	263	11.24	20.86
Near 132 Kv switch yard	67.20	29.40	265	11.47	20.51

**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	4.62	3.95	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	5.10	3.68	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	4.96	3.93	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	4.83	4.10	BDL	BDL	BDL	BDL	BDL

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**TEST REPORT OF STACK MONITORING**

Location.	S-1	S-2
Date of Monitoring	15.12.17	15.12.17
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples	18.85	22.80

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**TEST REPORT OF FUGITIVE EMISSION MONITORING**

S.No	Locations	Date	Particulate Matter (µg/m <sup>3</sup> )
1	Gypsum Hopper	21.03.18	1390
2	Clinker Stock Pile-1	21.03.18	1422
3	Clinker Stock Pile-2	22.03.18	1455
4	Near Wagon Tippler	22.03.18	1498

5	Gypsum Storage Yard	23.03.18	1440
6	Near VRM	23.03.18	1415