

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

Month: Mar 2017

**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	64.58	34.35	257	11.13	21.12
Near Khatibaba Temple	69.20	38.50	253	11.05	21.27
Behind New Weigh bridge	78.80	44.50	249	11.24	21.28
Near 132 Kv switch yard	69.60	36.85	254	11.0	19.69

**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	4.64	3.81	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	4.70	3.53	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	4.71	3.80	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	5.10	3.65	BDL	BDL	BDL	BDL	BDL

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**TEST REPORT OF STACK MONITORING**

<b>Location.</b>	<b>S-1</b>	<b>S-2</b>
<b>Date of Monitoring</b>	16.03.2017	16.03.2017
<b>Stack Attached to</b>	Bag House VRM	Bag House Cement Mill
<b>Particulate Matter (mg/Nm<sup>3</sup>) Isokinetic samples</b>	26.50	28.20

Month: Mar 2017

**TEST REPORT OF FUGITIVE EMISSION MONITORING**

<b>S.No</b>	<b>Locations</b>	<b>Date</b>	<b>Particulate Matter (µg/m<sup>3</sup>)</b>
1	Gypsum Hopper	16.03.17	1487
2	Clinker Stock Pile-1	16.03.17	1397
3	Clinker Stock Pile-2	17.03.17	1556
4	Near Wagon Tippler	17.03.17	1380
5	Gypsum Storage Yard	18.03.17	1560
6	Near VRM	18.03.17	1465