

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

**Month: June 2019**

**TEST REPORT OF AMBIENT AIR QUALITY MONITORING**

Location	PM10( $\mu\text{g}/\text{m}^3$ )	PM2.5( $\mu\text{g}/\text{m}^3$ )	CO( $\text{mg}/\text{m}^3$ )	SO2( $\mu\text{g}/\text{m}^3$ )	NOx( $\mu\text{g}/\text{m}^3$ )
Near ADM building	62.0	23.0	1.11	10.10	15.50
Near Khatibaba Temple	60.0	21.0	1.03	15.60	22.0
Behind New Weigh bridge	63.0	25.0	0.96	11.90	19.60
Near 132 Kv switch yard	64	22.0	1.01	11.90	19.60

**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 ( $\text{ng}/\text{m}^3$ )	Arsenic ( $\text{ng}/\text{m}^3$ )	Nickel ( $\text{ng}/\text{m}^3$ )
Near ADM building	<19.60	<20	<0.02	1.11	<0.50	<0.3	3.12
Near Khatibaba Temple	<19.60	<20	<0.02	1.05	<0.50	<0.30	5.56
Behind New Weigh bridge	<19.60	<20	<0.02	1.1	<0.50	0.46	4.31
Near 132 Kv switch yard	<19.60	20.98	1.13	1.13	<0.50	<0.3	5.04

Month: June 2019

**TEST REPORT OF STACK MONITORING**

<b>Location.</b>	<b>S-1</b>	<b>S-2</b>
<b>Date of Monitoring</b>	19.06.19	19.06.19
<b>Stack Attached to</b>	Bag House VRM	Bag House Cement Mill
<b>Particulate Matter (mg/Nm<sup>3</sup>) Isokinetic samples</b>	21.0	Mill stopped

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**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	19.06.19	1652
2	Clinker Stock Pile-1	19.06.19	1476
3	Clinker Stock Pile-2	19.06.19	1299
4	Near Wagon Tippler	19.06.19	905

5	Gypsum Storage Yard	19.06.19	1111
6	Near VRM	19.06.19	885