

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

Month: May 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( $\text{mg}/\text{m}^3$ )	SO2( $\mu\text{g}/\text{m}^3$ )	NOx( $\mu\text{g}/\text{m}^3$ )
Near ADM building	65.8	36.98	0.85	14.45	19.65
Near Khatibaba Temple	71.3	39.66	0.69	11.02	15.17
Behind New Weigh bridge	70.8	40.35	0.72	12.85	16.38
Near 132 Kv switch yard	68.6	38.22	0.65	11.45	15.68

**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	BDL	14.26	BDL	BDL	BDL	BDL	BDL
Near Khatibaba Temple	BDL	10.22	BDL	BDL	BDL	BDL	BDL
Behind New Weigh bridge	BDL	12.96	BDL	BDL	BDL	BDL	BDL
Near 132 Kv switch yard	BDL	11.98	BDL	BDL	BDL	BDL	BDL

Month: May 2020

**TEST REPORT OF STACK MONITORING**

<b>Location.</b>	<b>S-1</b>	<b>S-2</b>
<b>Date of Monitoring</b>	22.05.20	22.05.20
<b>Stack Attached to</b>	Bag House VRM	Bag House Cement Mill
<b>Particulate Matter (mg/Nm<sup>3</sup>) Isokinetic samples</b>	16.3	17.1

Month: May 2020

**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	21.05.20 to 23.-5.20	1153.9
2	Clinker Stock Pile-1	21.05.20 to 23.-5.20	1142.6
3	Clinker Stock Pile-2	21.05.20 to 23.-5.20	1249.8
4	Near Wagon Tippler	21.05.20 to 23.-5.20	1209.1
5	Gypsum Storage Yard	21.05.20 to 23.-5.20	989.2
6	Near VRM	21.05.20 to 23.-5.20	1547.3