

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

Month: Sep 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	73.9	41.3	0.58	13.02	20.11
Near Khatibaba Temple	68.4	37.83	0.49	11.25	16.83
Behind New Weigh bridge	76.4	43.30	0.54	12.94	19.68
Near 132 Kv switch yard	79.3	42.23	0.56	12.68	19.17

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**TEST REPORT OF STACK MONITORING**

Location.	S-1	S-2
Date of Monitoring	30.09.20	29.09.20
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples	16.14	17.37

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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	29.09.20 to 30-09.20	1191.3
2	Clinker Stock Pile-1	29.09.20 to 30-09.20	1082.5
3	Clinker Stock Pile-2	29.09.20 to 30-09.20	1182.3
4	Near Wagon Tippler	29.09.20 to 30-09.20	1019.9
5	Gypsum Storage Yard	29.09.20 to 30-09.20	1192.3
6	Near VRM	29.09.20 to 30-09.20	1233.8