

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

Month: Feb 2016

**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	48.92	29.25	242	9.86	22.72
Near Khatibaba Temple	57.84	30.87	235	9.43	21.69
Behind New Weigh bridge	53.98	34.66	240	9.98	21.09
Near 132 Kv switch yard	56.88	32.46	238	9.70	19.54

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**TEST REPORT OF STACK MONITORING**

Location.	S-1	S-2
Date of Monitoring	10.02.16	10.02.16
Stack Attached to	Bag House VRM	Bag House Cement Mill
Particulate Matter (mg/Nm <sup>3</sup> ) Isokinetic samples	28.50	24.90

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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	10.02.16	1248
2	Clinker Stock Pile-1	10.02.16	1342
3	Clinker Stock Pile-2	10.02.16	1362
4	Near Wagon Tippler	11.02.16	1330
5	Gypsum Storage Yard	11.02.16	1345
6	Near VRM	11.02.16	1320