

TEST REPORT

REF.NO: LAWN/SCL-M/2017

Date: 31-3-2017

AMBIENT AIR QUALITY DATA - CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES)**
Mattampally (Post & Mandal),
Nalgonda(Dist) - 508 204.

Location	Near Drilling	Near Loading	LIMIT	PROTOCOL
1. Date of sampling	23-3-2017	23-3-2017	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.09	1.02	--	--
4. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	72	80	<100	IS-5182 Part-4); 1999
5. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	30	32	<60	USEPA
6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	13	08	<80	IS-5182 Part-2); 2001
7. Nitrogen dioxide(NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	20	16	<80	IS-5182 Part-6); 1975
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10); 1999

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10/4/17

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AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040140
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040139