



ISO 9001, 14001 & OHSAS 18001
CERTIFIED COMPANY

LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment & Forests (MoEF), GOI, New Delhi

Gazette Notification No.: S.O.1295 (E), Validity upto June 2017.

TEST REPORT

REF.NO: LAWN/SCL-M/2016

Date: 30-9-2016

AMBIENT AIR QUALITY DATA – BUFFER ZONE

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

Location	Mattampally Village	Pedaveedu Village	LIMIT	PROTOCOL
1. Date of sampling	18-9-2016	18-9-2016	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.01	1.05	--	--
4. particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	52	48	<100	IS-5182 Part-4); 1999
5. particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	20	17	<60	USEPA
6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	11	09	<80	IS-5182 Part-2); 2001
7. Nitrogen dioxide(No ₂) Concentration ($\mu\text{g}/\text{m}^3$)	18	24	<80	IS-5182 Part-6); 1975
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10); 1999

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10/10/16

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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

