



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

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TEST CERTIFICATE

No. 1035 Contd.

Date 17:10:2014

Organisation : M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD.
PLOT K-7, MIDC INDUSTRIAL AREA,
TALOJA, A.V. 410 208, DIST. - RAIGAD.

AMBIENT AIR MONITORING :

Sampling Location	Near Benseff Control Room	Unit
Date of Sampling	09:10:2014	--
Time of Sampling	12:30	Hrs
Duration of Sampling	24	Hrs
Weight of PM ₁₀ collected	1.34	mg
Weight of PM _{2.5} collected	0.59	mg
Volume of air Sampled	24	m ³

Parameters	Unit	Results	N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	55.7	100.0	US EPA 40 CFR Chapter I Part 50 Appendix L
PM _{2.5}	µg/m ³	24.5	60.0	US EPA 40 CFR Chapter I Part 50 Appendix L
SO ₂	µg/m ³	26.4	80.0	IS 5182 (Part II) 1960
NO ₂	µg/m ³	35.7	80.0	IS 5182 (Part VI) 1975
CO	mg/m ³	1.26	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Lead	µg/m ³	< 0.01	1.0	APHA 2 nd Edition Method No. 822
Ozone	µg/m ³	< 20.0	100.0 for 8 Hrs.	APHA-PART - III Method P & CAM 153
Ammonia	µg/m ³	< 14.0	400.0	APHA II ND Edition Method 402
Benzene	µg/m ³	< 0.14	5.0	NIOSH 1501
Benzo Pyrene	ng/m ³	< 1.0	1.0	IS 5182 (Part 12):2004
Arsenic	ng/m ³	< 0.7	6.0	APHA 2 nd Edition Method No. 822
Nickel	ng/m ³	< 6.0	20.0	APHA 2 nd Edition Method No. 822

N.A.A.Q.S. – National Ambient Air Quality Standards

For GADARK LAB PVT. LTD.

[B. S. RANE]
DIRECTOR

CHECKED BY