



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB. : H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525

Tel. : (02362) 223519 • email : info@gadark.in / gadarklab@vsnl.com

OFF. : 15, Hindustan Kohinoor Industrial Complex, L.B.S.Marg, Vikhroli (West), Mumbai - 83.

Tel No. : 022-25777069/70 • Fax - 022-2577 4545

TEST CERTIFICATE

No. K/15/0101 Contd.

Date 02:02:2015

Organisation : M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD.
PLOT K-1, MIDC INDUSTRIAL AREA,
TALOJA, A.V. 410 208, DIST. - RAIGAD.

AMBIENT AIR MONITORING :

Sampling Location	Ambient Station No. 1	Unit
Date of Sampling	27:01:2015	--
Time of Sampling	13:00	Hrs.
Duration of Sampling	24	Hrs.

Parameters	Unit	Ambient Station No. 1	N.A.A.Q.S.	Methods
Lead	$\mu\text{g}/\text{m}^3$	< 0.01	0.5	APHA 2 nd Edition Method No. 822
Ozone	$\mu\text{g}/\text{m}^3$	< 20.0	100.0 for 8 Hrs.	APHA-PART-III Method P & CAM 153
Benzene	$\mu\text{g}/\text{m}^3$	< 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.

[KAILAS V. CHITALKAR]

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Renewal of Recognition of our Laboratory by Ministry of Environment & Forest, Government of India.

New Delhi under the Environment Protection Act, 1986, is in progress.

ISO 9001:2008 Certified & BS OHSAS 18001:2007 Certified



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AMBIENT AIR MONITORING :

Sampling Location	Ambient Station No. 1	Unit
Date of Sampling	27:01:2015	--
Time of Sampling	13:00	Hrs.
Duration of Sampling	24	Hrs.

Parameters	Unit	Ambient Station No. 1	N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	56.3	100.0	US EPA 40 CFR Chapter I Part 50 Appendix L
PM _{2.5}	µg/m ³	27.0	60.0	US EPA 40 CFR Chapter I Part 50 Appendix L
SO ₂	µg/m ³	24.0	80.0	IS 5182 (Part II) 1960
NO ₂	µg/m ³	35.3	80.0	IS 5182 (Part VI) 1975
CO	mg/m ³	1.18	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Ammonia	µg/m ³	18.3	400.0	APHA 11 th Edition Method 402

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

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PLOT K-1, MIDC INDUSTRIAL AREA,
TALOJA, A.V. 410 208, DIST. - RAIGAD.

AMBIENT AIR MONITORING :

Sampling Location	Ambient Station No. 2	Ambient Station No. 3	Unit
Date of Sampling	27:01:2015	27:01:2015	--
Time of Sampling	13:10	13:20	Hrs
Duration of Sampling	24	24	Hrs

Parameters	Unit	Ambient Station No. 2	Ambient Station No. 3	N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	57.5	55.7	100.0	US EPA 40 CFR Chapter I Part 50 Appendix L
PM _{2.5}	µg/m ³	29.5	25.8	60.0	US EPA 40 CFR Chapter I Part 50 Appendix L
SO ₂	µg/m ³	22.7	25.4	80.0	IS 5182 (Part II) 1960
NO ₂	µg/m ³	37.7	36.9	80.0	IS 5182 (Part VI) 1975
CO	mg/m ³	1.22	1.37	2.0 for 8 Hrs.	IS 5182 (Part X) 1999
Ammonia	µg/m ³	20.1	22.5	400.0	APHA II ND Edition Method 402

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

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GPB/0027/15 (4-6-15)

TEST CERTIFICATE

Doc.No.: GLPL/QF/5.10/01

Test Certificate No.	GPA/K/15/5/0200	T. C. Date	02.06.2015
Customer Name and Address	M/s. DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD. PLOT K-1, MIDC INDUSTRIAL AREA, TALOJA, A.V. 410 208, DIST. - RAIGAD.		
Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	26/05/2015	Analysis Period	28/05/2015 To 30/05/2015

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 1	Ambient Station No. 3
Date of Sampling	26.05.2015	26.05.2015
Time of Sampling [Hrs]	12:00	12:20
Ambient Temperature [°C]	35	35
Duration of Sampling [Hrs]	24	24


ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 1	Ambient Station No. 3	*N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	57.0	58.9	100.0	NAAQMS/36/3012-2013 Volume 1
PM _{2.5}	µg/m ³	28.3	26.6	60.0	NAAQMS/36/3012-2013 Volume 1
SO ₂	µg/m ³	25.6	24.8	80.0	IS 5182 (Part II) 2012
NO ₂	µg/m ³	35.3	38.5	80.0	IS 5182 (Part VI) 2012
CO	mg/m ³	1.36	1.29	2.0 for 8 Hrs.	IS 5182 (Part X) 2009
Ammonia	µg/m ³	23.1	19.7	400.0	APHA Method 401 3 rd Edition

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

End

For GADARK LAB PVT. LTD.


[B. S. RANE]
DIRECTOR


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Note :

1. The results relate only to the samples tested
2. Test certificate shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Certificate.
4. Test Results relate only to the conditions prevailing at the time of sampling

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GPB/0627/15 (4-6-15)

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Doc.No: GLPL/QF/5.10/01

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Letter Ref / Date .	---		
Sampling Done By	GLPL	Page No.	1 of 1
Sample Received on	26/05/2015	Analysis Period	28/05/2015 To 01/06/2015

SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 2
Date of Sampling	26-05-2015
Time of Sampling [Hrs]	12:40
Ambient Temperature [°C]	35
Duration of Sampling [Hrs]	24


ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 2	*N.A.A.Q.S.	Methods
PM ₁₀	µg/m ³	56.5	100.0	NAAQMS/36/3012-2013 Volume 1
PM _{2.5}	µg/m ³	25.8	60.0	NAAQMS/36/3012-2013 Volume 1
SO ₂	µg/m ³	22.4	80.0	IS 5182 (Part II) 2012
NO ₂	µg/m ³	36.1	80.0	IS 5182 (Part VI) 2012
CO	mg/m ³	1.32	2.0 for 8 Hrs.	IS 5182 (Part X) 2009
Ammonia	µg/m ³	20.8	400.0	APHA Method 401 3 rd Edition

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

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Sampling Done By	GLPL	Page No.	1 of 1
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SAMPLING DETAILS - AMBIENT AIR MONITORING :-

Sampling Location	Ambient Station No. 2
Date of Sampling	26:05:2015
Time of Sampling [Hrs]	12:40
Ambient Temperature [°C]	35
Duration of Sampling [Hrs]	24

ANALYSIS REPORT :-

Parameters	Unit	Ambient Station No. 2	*N.A.A.Q.S.	Methods
Lead	$\mu\text{g}/\text{m}^3$	< 0.01	0.5	NAAQMS/36/3012-2013 Volume 1
Ozone	$\mu\text{g}/\text{m}^3$	< 20.0	100.0 for 8 Hrs.	APHA Method 411 3 rd Edition
Benzene	$\mu\text{g}/\text{m}^3$	< 0.14	5.0	IS 5182 (Part 11)
Benzo Pyrene	ng/m^3	< 1.0	1.0	IS 5182 (Part 12):2009
Arsenic	ng/m^3	< 0.7	6.0	NAAQMS/36/3012-2013 Volume 1
Nickel	ng/m^3	< 6.0	20.0	NAAQMS/36/3012-2013 Volume 1

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