

Date: 24-May-21

#### DFPCL-K1/EHS/Env/2021-22/3

Additional Principal Chief Conservator of Forest (C), Ministry of Environment, Forest & Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariate Building, Civil Lines Nagpur – 440 001, Maharashtra.

#### Reference:

1. EC granted for Gas Based Power Project vide file no. (SEAC-2010/CR.656/TC.2 dt 11.05.2011).

**Sub: Half yearly Environmental Clerance Compliance report.** 

Dear Sir.

Please find enclosed the half yeraly EC compliance report of **Gas Based Power plant** for the period of **October-2020 to March -2021**.

This is for your information and records please.

Thanking you,

Yours faithfully,

For, DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD.,

DEEPAK PANDE Head (EHS)

#### CC:

- 1. SRO, MPCB, Raigad Bhavan, 7th Floor, Sector-11, CBD-Belapur, Navi Mumbai 400614.
- 2. Ministry of Environment, Forest, 1<sup>st</sup> Floor, New Administrative Building, Mantralaya, Mumbai 400032.

FACTORY: Plot K-1, MIDC Industrial Area, Taloja 410 208, Dist. RAIGAD

Tel: +91 22 6768 4000 Fax: +91 22 2741 2413

CORPORATE OFFICE: Sai Hira, Survey No. 93, 25 / A1 and 25 / B1, CTS - 1130, Mundawa Ghorpadi Road, Mundawa, Pune - 411 036

Tel. : + 91 20 6645 8000 Web : www.dfpcl.com

CIN: L24121MH1979PLCO21360



3. CPCB Parivesh Bhawan, Opp. VMC Ward Office No. 10, Shubhanpura, Vadodara, Gujarat 390023.

FACTORY: Plot K-1, MIDC Industrial Area, Taloja 410 208, Dist. RAIGAD

Tel: +91 22 6768 4000 Fax: +91 22 2741 2413

CORPORATE OFFICE: Sai Hira, Survey No. 93, 25 / A1 and 25 / B1, CTS - 1130, Mundawa Ghorpadi Road, Mundawa, Pune - 411 036

Tel.: + 91 20 6645 8000 Web: www.dfpcl.com

CIN: L24121MH1979PLCO21360

Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Balient features  a. of the project  b. of the environmental management plans  Gas bas  True  Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Break up of the project area  a. submergence area forest & non forest  b. Others  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	epak Pande (Sr.GM-EHS), epak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208,
manufa Fertilise  Clearance letter (s)/OM No. and Date  EC gran 2010/C  Location  a. District (S) b. State (S) c. Latitude/longitude  Address for correspondence  a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Mr. Det M/s De Plot No Mahara Phone:  b. Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Same a  Salient features  a. of the project  b. of the environmental management plans  Gas Tur Environ  7  Break up of the project area a. submergence area forest & non forest b. Others  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	acturinf facility at MIDC, Taloja, Maharashtra by Deepak ers & Petrochemicals Corporation Limited ated for Gas Based Power Project vide file no. (SEAC-R.656/TC.2 dt 11.05.2011).  Bashtra  11.3"N/73°08'04.1"E  Bepak Pande (Sr.GM-EHS), bepak Fertilisers & Petrochemicals Corporation Ltd.  Box K-1, MIDC Industrial area, Taloja, District Raigad — 410208, Bashtra.  Box Colorona - 022-50684221, 9920942161  Sabove  Seed Power Project for power generation for internal use.  Brine inbuilt technology for NOx reduction. Periodic amental Monitoring for Ambient Air, Noise & Ground water
2010/C  4 Location a. District (S) b. State (S) c. Latitude/longitude 5 Address for correspondence a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Mr. Der M/s De Plot No Mahara Phone:  b. Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Salient features a. of the project  Gas Bas  b. of the environmental management plans  Gas Tur Environ  7 Break up of the project area a. submergence area forest & non forest b. Others  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	eshtra 11.3"N/73°08'04.1"E  epak Pande (Sr.GM-EHS), repak Fertilisers & Petrochemicals Corporation Ltd. 12. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, 13. Ashtra. 13. Colored Power Project for power generation for internal use.  14. Seed Power Project for power generation for internal use.  15. Seed Power Project for power generation. Periodic formental Monitoring for Ambient Air, Noise & Ground water
a. District (S) b. State (S) c. Latitude/longitude  Address for correspondence a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Mr. Det M/s De Plot No Mahara Phone: b. Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Same a  6 Salient features a. of the project  b. of the environmental management plans  Gas Bas  Of the environmental management plans  Gas Ture Environ  7 Break up of the project area a. submergence area forest & non forest b. Others  Break up of the project area Break up of the project area Break up of the project area Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	epak Pande (Sr.GM-EHS), epak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, eshtra 022-50684221, 9920942161 s above  sed Power Project for power generation for internal use.  rbine inbuilt technology for NOx reduction. Periodic emental Monitoring for Ambient Air, Noise & Ground water
b. State (S) c. Latitude/longitude 19°04'1  Address for correspondence a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers  Mr. Det M/s De Plot No.  Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)  Same a  Salient features a. of the project  Gas Bas  b. of the environmental management plans  Gas Ture Environ  Break up of the project area a. submergence area forest & non forest b. Others  NA, (Mincompleted)  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	epak Pande (Sr.GM-EHS), epak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, eshtra 022-50684221, 9920942161 s above  sed Power Project for power generation for internal use.  rbine inbuilt technology for NOx reduction. Periodic emental Monitoring for Ambient Air, Noise & Ground water
c. Latitude/longitude 19°04'1  Address for correspondence a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers	epak Pande (Sr.GM-EHS), epak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, eshtra 022-50684221, 9920942161 s above  sed Power Project for power generation for internal use.  rbine inbuilt technology for NOx reduction. Periodic emental Monitoring for Ambient Air, Noise & Ground water
Address for correspondence  a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers	epak Pande (Sr.GM-EHS), epak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, eshtra. co22-50684221, 9920942161 s above  sed Power Project for power generation for internal use.  rbine inbuilt technology for NOx reduction. Periodic emental Monitoring for Ambient Air, Noise & Ground water
a. Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers	repak Fertilisers & Petrochemicals Corporation Ltd. b. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, ashtra. c. 022-50684221, 9920942161 s above  sed Power Project for power generation for internal use.  rbine inbuilt technology for NOx reduction. Periodic amental Monitoring for Ambient Air, Noise & Ground water
6 Salient features a. of the project  b. of the environmental management plans  Gas Tur Environ  7 Break up of the project area a. submergence area forest & non forest b. Others  NA, (Mi Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	sed Power Project for power generation for internal use. rbine inbuilt technology for NOx reduction. Periodic nmental Monitoring for Ambient Air, Noise & Ground water
a. of the project  b. of the environmental management plans  Gas Tur Environ  7 Break up of the project area  a. submergence area forest & non forest  b. Others  NA, (MI  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	rbine inbuilt technology for NOx reduction. Periodic nmental Monitoring for Ambient Air, Noise & Ground water
Break up of the project area  a. submergence area forest & non forest  b. Others  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	nmental Monitoring for Ambient Air, Noise & Ground water
a. submergence area forest & non forest  b. Others  NA  Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	IDC Land)
b. Others  8 Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	IDC Lattu)
Break up of the project affected Population with enumeration of Those losing houses/dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	
DIA (Aditionalis	IDC Land)
a. SC, ST/Adivasis NA, (MI	IDC Land)
b. Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	
9 Financial details.	
a. Project cost as originally planned and subsequent revised estimates and the year of price reference 79 Cror	res
1)Rs. 5 2)Rs. 41 3)Rs. 40 4)Rs. 27 5)Rs. 8 6)Rs. 0. 7)Rs. 0. 8)Rs. 1. 9)Rs. 13 10)Rs. 1	D20-21 for Plot K-1 to K-8.  lakhs forInstallation of Weather Monitoring Station  lakhs for Plantation and Maintenance of Tree plantation  lakhs for Adequacy study for ETP and APCD  lakhs for ETP1 improvements  lakhs for AMC for CEMS  lakhs for AMC for AAQMS  lakhs AMC for PM Analyzer  lakhs for Spare for CFB CEMS Analyser  lakhs for Spare of CEMS
c. Benefit cost ratio/Internal rate of Return and the year of assessment -	
d. Whether ( c ) includes the Cost of environmental management as shown in the above.  Yes	
e. Actual expenditure incurred on the project so far.	
f. Actual expenditure incurred on the environmental management plans so far  10 Forest land requirement	
· ·	IDC Land)
	IDC Land)
The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information	IDC Land)
12 Status of construction  Status of commencement ( Actual and /or planned)	111
a. Date of commencement ( Actual and/or planned)  b. Date of completion (Actual and/of planned )  10 December 10 December 11 December 12 December 12 December 13 December 14 December 14 December 15 December 16 D	011 ember 2012
b. Date of completion (Actual and/of planned ) 10 Dece 13 Reasons for the delay if the Project is yet to start NA	EIIIDEL ZOTZ
14 Dates of site visits	
a. The dates on which the project was monitored by the Regional Office on previous Occasions, if any NA	
b. Date of site visit for this monitoring report NA	
Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits )	

	ent Clearance for Gas Based Power Project (SEAC-2010/CR.656 nt, Room No 217, 2nd Floor, Mantralaya Annexe, Mumbai - 40	/TC.2 dated 11.05.2011) - Government of Maharashtra, Environment 0 032.
SN	Specific Conditions	Status of compliance as on 31/03/2021
i)	Project proponent should confirm that, there is no increase in waste water & air pollutants discharged into environment due to proposed expansion.	Complied.
ii)	This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. Issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SLIAA) approved the proposed land use.	Noted.
iii)	'Consent for Establishment' shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment Department before start of any construction work at the site.	Complied with, CTE received on 10.12.2015.
iv)	No land development or construction work preliminary or otherwise releted to the project shall be taken up without obtaining due clearance from respective authorities	Complied
v)	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	Noted.
vi)	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	The area in and around GT is paved and no dust is generated.
vii)	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and record shall be maintained. The location of the monitoring stations & frequency of monitoring shall be decided in consultation with MPCB & submit report accordingly to MPCB.	Three continuous monitoring AAQM stations are installed and these are connected to MPCB portal.  These station monitors various parameters like PM10 &PM2.5, SO <sub>2</sub> , NO2 NH <sub>3</sub> and CO. Ambient Air Monitoring & Work environment monitoring is done in the work zone through third party approved by MOEF.  (Annexure - 1A, & 1B)
viii)	A detailed scheme for rain water harvesting shall be prepared and implemented to recharge ground water.	System for rain water harvesting is provided at existing WNA 3 & 4 plant.
ix)	Arrangement shall be made that effluent and storm water do not get mixed.	Effluent and storm water are having separate drains.
x)	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCR	Periodic ground water monitoring is being carried out near ETP. Reports a submitted to MPCB.

(Annexure - 2)

water. Results shall be regularly submitted to the MPCB.

SN	Specific Conditions	Status of compliance as on 31/03/2021				
xi)	Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite PPE like earplugs, etc. Shall be provided.	Periodic noise monitoring by third party (MoEF Approved) laboratory is carried out at eight different locations and ambient noise level is within the standards prescribed.  PPE like earplugs, etc. are provided for people working in the high noise area. (Annexure - 3)				
xii)	Proper House keeping programmes shall be implemented.	5S program has been implemented to maintain proper House keeping.				
xiii)	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all the sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under the EPA, 1986 & Rules, 1989.	Periodic noise monitoring is done by MOEF approved 3rd party laboratory at eight different locations and noise level is within the standards prescribed under EP Act,1986, Rules, 1989.  (Annexure - 3)				
xiv)	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species & in consultation with the local DFO / Agriculture Dept.	Complied with.				
xv)	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection & warning.	Leak detection devices such as gas detectors are provided at strategic places for early detection and warning. In built safety measures such as interlocks and trips are provided for critical process parameters. In addition to it onsite emergency control plan has also been prepared.				
xvi)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Medical examination of all the workers is done in once in six months as per the factories act and records are maintained.				
xvii)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire detection, fire protection and fire fighting arrangements have been provided in manufacturing process and in material handling areas. Company has a dedicated fire team and regular mock drills are conducted. Company also has two fire tenders				
xviii)	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management & Handling) Rules, 2003 (amended). Authorization from MPCB shall be obtained for collection/treatment/storage/disposal of hazardous waste.	Complied.				
xix)	The company shall undertake following Waste Minimization Measures. a. Metering of quantities of active ingredients to minimize waste b. Reuse of by-products from the process as raw materials or as raw material substitutes in other process. c. Maximizing Recoveries. d. Use of automated material transfer system to minimize spillage. e. Use of "Closed Feed" system into batch reactors.	a) No active ingredient involved in GT b) There is no by product from GT c) Waste heat from GT is recovered to produce steam in HRSG. d) GT & HRSG operations are fully automated. e) As such there is no reactor in the GT however the feed system is closed one.				

SN	Specific Conditions	Status of compliance as on 31/03/2021				
xx)	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	out. On site emergency plan is reviewed and revised periodically. NG gas li				
xxi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate Environmental Management Cell equipped with required facilities is set up.				
xxii)	Transportation of ash will be through closed containers & all measures should be taken to prevent spilling of the ash.	Not applicable for GT as it is gas based.				
xxiii)	Separate silos will be provided for collecting & storing bottom ash & fly ash.	Not applicable for GT as it is gas based.				
xxiv)	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item wise break up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes & year-wise expenditure should be reported to the MPCB & this department.	Fund is utilized for implementation of environmental safeguard and details are reported to MPCB as part of Form V.				
xxv)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the MPCB and may also be seen at Website at <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a>	Complied with.				
xxvi)	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year.	Six monthly compliance reports are being sent to MPCB and regional office of MOEF. Last report was sent on 27 <sup>th</sup> November 2020. Copy of the same is posted on the company's web-site.				
xxvii)	A copy of clearance letter shall be sent by proponent to the concerned Municipal Corporation & the local NGO, if any, from whom suggestions / representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied with. EC conditions compliances is posted on the website of the company.  Advertisement for availability of EC copy on MoEF website was published in local newspaper 'Krushiwal' for any suggestions/representations.				

List of Annexures Submitted								
Annexure. No. Content								
1A Ambient Air Monitoring Reports								
1B	Work Zone Monitoring Reports							
2	Ground Water Monitoring Report							
3	Ambient Noise Monitoring Reports							
4	Mock Drill Report							

# Annexure 1: Ambient Air Monitoring Reports



					ter orti				
	of Organization					orporation Limit			
Addres						.O. Taloja Dist. F	Raigad 41	0208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	)055893, Da	ted 24.07.20°	19			
	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Complete Date		Rep	ort on Date
1	3.10.2020	15.10	).2020	15.10	).2020	19.10.20	20	20	0.10.2020
Sample	: <b>Type</b> : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
Samplii	ng Done by: N	etel India Lir	nited		Packing				Bottle (4 nos)
Locatio	on : N	PK Raw Mat	terial Storage	Area	Sample Cod	de : NIL/A	A/10/20/	144	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	! (Part-23)	µg/m³	10	6	4.5	100
2	Particulate Matter	r (PM <sub>2.5</sub> )	NIL/AIR	SOP/03 <sup>†</sup>	µg/m³	5	23.0		60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	9.7		80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	15.6		80
5	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	1.16		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	(Part-11)	µg/m³	1	1.2		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	39.0		400
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	8	3.6	100 for 8 hrs
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1
10	Lead (Pb)		10111	ord =	µg/m³	0.1	0	.22	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	В	DL	6
12	Nickel (Ni)		(Method 822)		ng/m³	1	В	DL	20
13	Hydrocarbon (HC	)	IS-5182	(Part-11)	µg/m³	1	5	9.9	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	В	DL	
15	Acid Mist		ICMA Mar	nual (Part 2)	µg/m³	1		1.6	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.24	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

1cere

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





Name o	of Organization					orporation Limit			
Addres	s	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	9			
Date	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Rep	ort on Date
1	3.10.2020	15.10	).2020	15.10	0.2020	19.10.20	20	20	0.10.2020
Sample Sampli	Type : A	mbient Air etel India Lir	nited		Sample Qty Packing				arcoal Tube, Bottle (4 nos)
Locatio	on : N	PK Production	on Unit		Sample Cod		A/10/20/1		
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	sults	CPCB Limit
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	5:	2.9	100
2	Particulate Matter	r (PM <sub>2.5</sub> )	NIL/AIF	NSOP/03 <sup>†</sup>	µg/m³	5	1	8.7	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	! (Part-02)	µg/m³	6.5	1-	4.4	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	23.9		80
5	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	1.11		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	(Part-11)	µg/m³	1	3.9		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	/m³ 6 45.		5.5	400
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	7	'.9	100 for 8 hrs.
9	Benzo - a - Pyren	ie (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1
10	Lead (Pb)		A D. I.A. A	. ord =	µg/m³	0.1	0.	.31	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	В	DL	6
12	Nickel (Ni)	(Method 822)		ou 622)	ng/m³	1	В	DL	20
13	Hydrocarbon (HC	3)	IS-5182	(Part-11)	µg/m³	1	5	9.1	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	В	DL	
15	Acid Mist		ICMA Mai	nual (Part 2)	µg/m³	1	1	.4	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0.	.35	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere **Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





				A STEELING CO. DAGS	LI OILI				
	of Organization					orporation Limit			
Addres						O. Taloja Dist. F	Raigad 41	0208 Mal	harashtra
Custom	ners Reference	: Work O	rder no. 4800	)055893, Da	ted 24.07.201				
Date	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Repo	ort on Date
1:	3.10.2020	15.10	.2020	15.10	).2020	19.10.20	20	20	.10.2020
Sample	Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
Samplin	ng Done by: N	etel India Lir	nited		Packing				Bottle (4 nos)
Locatio	on : N	ear CFB Cod	oling Tower		Sample Cod	de : NIL/A	A/10/20/	146	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6	9.2	100
2	Particulate Matter	r (PM <sub>2.5</sub> )	NIL/AIR	R/SOP/03 <sup>†</sup>	µg/m³	5	2	6.5	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	1	4.3	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	2	1.6	80
5	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	1.00		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	(Part-11)	µg/m³	1	3.3		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	50.3		400
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	1	2.6	100 for 8 hrs.
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	Е	BDL	1
10	Lead (Pb)		A D. I.A. A	. ord =	μg/m³	0.1	0	.17	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	Е	BDL	6
12	Nickel (Ni)	(Method 822)		ou 622)	ng/m³	1	Е	BDL	20
13	Hydrocarbon (HC	)	IS-5182	(Part-11)	µg/m³	1	4	7.9	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	Е	BDL	
15	Acid Mist		ICMA Mai	nual (Part 2)	µg/m³	1		3.4	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.37	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





				12011	LI OILI				
	of Organization					orporation Limite			
Addres		: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	ted 24.07.201	9			
Date	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Rep	ort on Date
1	4.10.2020	16.10	.2020	16.10	).2020	19.10.20	20	20	.10.2020
Sample	Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
Sampli	ng Done by: N	etel India Lir	nited		Packing				Bottle (4 nos)
Locatio	on : N	PK Gate No.	4		Sample Cod	le : NIL/A	A/10/20/	147	400
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6	7.4	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIR	R/SOP/03 <sup>†</sup>	µg/m³	5	2	4.7	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	1	0.2	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	1	6.8	80
5	Carbon Monoxide	e (CO)	IS-5182	? (Part-10)	mg/m³	0.01	1.15		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	? (Part-11)	µg/m³	1	1 4.1		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	4	4.6	400
8	Ozone (O <sub>3</sub> )		IS-5182	? (Part-09)	µg/m³	1		7.4	100 for 8 hrs.
9	Benzo - a - Pyrer	ie (BaP)	IS-5182	? (Part-12)	ng/m³	0.5	BDL		1
10	Lead (Pb)	9 1	A D. I.A. A.	. ord =	µg/m³	0.1	0	.28	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	Е	BDL	6
12	Nickel (Ni)	(Method 822		00 622)	ng/m³	1	Е	BDL	20
13	Hydrocarbon (HC	)	IS-5182	? (Part-11)	µg/m³	1	3	6.2	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	Е	BDL	
15	Acid Mist		ICMA Mar	nual (Part 2)	µg/m³	1	1	2.2	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.28	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





Name	of Organization	. M/o Do	anak Fartilia	are And Dete	achemical- O	anagantian I to the	1		
	of Organization					orporation Limit			
Addres						.O. Taloja Dist. I	Raigad 41	0208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	)055893, Da	ted 24.07.20°				
	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Rep	ort on Date
1	4.10.2020	16.10	.2020	16.10	).2020	19.10.20	20	20	).10.2020
Sample	: Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
Samplii	ng Done by: N	etel India Lin	nited		Packing				Bottle (4 nos)
Locatio	on : N	ear IPA Gate	;		Sample Cod	de : NIL/A	AA/10/20/	148	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	5	6.0	100
2	Particulate Matter	r (PM <sub>2.5</sub> )	NIL/AIR	R/SOP/03 <sup>†</sup>	µg/m³	5	2	4.7	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	1	1.3	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	1	5.8	80
5	Carbon Monoxide	e (CO)	IS-5182	? (Part-10)	mg/m³	0.01	1	.06	2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	? (Part-11)	µg/m³	1 1		1.7	. 5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	3	8.8	400
8	Ozone (O <sub>3</sub> )		IS-5182	? (Part-09)	µg/m³	1	,	9.1	100 for 8 hrs
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	Е	BDL	1
10	Lead (Pb)		A DUIA A	. old =	µg/m³	0.1	0	.24	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	Е	BDL	6
12	Nickel (Ni)	(Method 822)		ou 622)	ng/m³	1	Е	BDL	20
13	Hydrocarbon (HC	)	IS-5182	(Part-11)	µg/m³	1	3	1.1	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	В	BDL	
15	Acid Mist		ICMA Mar	nual (Part 2)	µg/m³	1		1.9	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.18	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





				101003-101600, 07 0200	LI OILI				
	of Organization					orporation Limit			
Addres						O. Taloja Dist. F	Raigad 41	10208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	)055893, Da	ted 24.07.201				
	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Rep	ort on Date
1.	4.10.2020	16.10	).2020	16.10	.2020	19.10.20	20	20	.10.2020
Sample	Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
Samplii	ng Done by: N	etel India Lir	nited		Packing				Bottle (4 nos)
Locatio	on : N	PK Gate No	.2		Sample Cod	le : NIL/A	A/10/20/	149	95 - 51
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6	55.0	100
2	Particulate Matter	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	2	27.3	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	11.1		80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	18.6		80
5	Carbon Monoxide	e (CO)	IS-5182	? (Part-10)	mg/m³	0.01	0.01 1		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	? (Part-11)	µg/m³	1 4		4.2	5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	ISC Part-II (Method-401)		6	44.1		400
8	Ozone (O <sub>3</sub> )		IS-5182	? (Part-09)	µg/m³	1 1 13		13.7	100 for 8 hrs.
9	Benzo - a - Pyren	ie (BaP)	IS-5182	? (Part-12)	ng/m³	0.5	E	BDL	1
10	Lead (Pb)			. ord =	µg/m³	0.1	0	).21	1
11	Arsenic (As)		The state of the s	ir 3 <sup>rd</sup> Edition	ng/m³	1	Е	BDL	6
12	Nickel (Ni)		(Method 822)		ng/m³	1	E	BDL	20
13	Hydrocarbon (HC	)	IS-5182	? (Part-11)	µg/m³	1	4	16.8	
14	Sulfur Trioxide (S	O <sub>3</sub> )	Ву Са	lculation	µg/m³	8	Е	BDL	
15	Acid Mist		ICMA Mai	nual (Part 2)	µg/m³	1		3.4	(555)
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	0.40	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





	ner Name : M/s. Deepak Fe							
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra								
Custon	ner Reference: Work Order no.	4800055893, Date	d 24.07.2019					
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,			
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)			
Date of	Sampling : 23.11.2020		Analysis Dat		020 — 28.11.2020			
	Received : 25.11.2020		Date of Repo	orting : 28.11.20	020			
Sampli	ng Location: Near CAAQMS No	0.1	Sample Code	e : NIL/AA/	11/20/437			
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method			
1	Particulate Matter (PM10)	84.8	µg/m³	100	IS-5182 (Part-23)			
2	Particulate Matter (PM2.5)	41.7	µg/m³	60	NIL/AIR/SOP/03*			
3	Sulphur Dioxide (SO <sub>2</sub> )	11.7	µg/m³	80	IS-5182 (Part-02)			
4	Oxides of Nitrogen (NO <sub>x</sub> )	18.5	µg/m³	80	IS-5182 (Part-06)			
5	Carbon Monoxide (CO)	1.13	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)			
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.9	µg/m³	5	IS-5182 (Part-11)			
7	Ammonia (NH₃)	44.4	µg/m³	400	ISC Part-II (Method-401)			
8	Ozone (O <sub>3</sub> )	12.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)			
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)			
10	Lead (Pb)	0.22	µg/m³	1	V DI I V V:- OLQ L 1:1:			
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition			
12	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)			
	Hydrocarbon (HC)	33.5	µg/m³		IS-5182 (Part-11)			
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation			
15	Acid Mist	2.9	µg/m³		ICMA Manual (Part 2)			
16	Fluoride	0.20	µg/m³		IS-5182 (Part-13)			

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





			INLIONI		
	ner Name : M/s. Deepak Fe				
	ner Address : Taloja Plant Plo			loja Dist. Raigad	410208 Maharashtra
Custon	ner Reference: Work Order no.	4800055893, Date	d 24.07.2019		
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	per (2 nos), Charcoal Tube,
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	<b>Sampling</b> : 23.11.2020		Analysis Date		020 — 28.11.2020
Sample	Received : 25.11.2020		Date of Repo	rting : 28.11.20	)20
Sampli	ng Location: Near CAAQMS No	0.3	Sample Code	: NIL/AA/	11/20/438
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	92.3	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	44.3	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	10.6	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	16.0	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	0.91	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.2	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	42.6	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O₃)	8.0	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.28	µg/m³	1	
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	50.5	µg/m³	V	IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation
15	Acid Mist	1.4	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.27	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228





			IXLI OIXI		
	ner Name : M/s. Deepak Fei				
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industr	ial Area, P.O. Ta	loja Dist. Raigad	410208 Maharashtra
Custon	ner Reference: Work Order no.	4800055893, Date	24.07.2019		
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
Date of	Sampling : 24.11.2020		Analysis Date		020 — 30.11.2020
Sample	Received : 26.11.2020		Date of Repo	rting : 01.12.20	020
Sampli	ng Location: Near CAAQMS NO	0.1	Sample Code	: NIL/AA/	11/20/439
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM10)	76.8	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	31.7	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	10.8	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	16.1	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.04	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.5	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	24.4	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	10.4	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.17	µg/m³	1	ADIIA A: ord = ::::
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)
	Hydrocarbon (HC)	34.7	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation
15	Acid Mist	3.6	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.22	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

100111110

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com





			IXLI OIXI		
	ner Name : M/s. Deepak Fei				
	ner Address : Taloja Plant Plot			loja Dist. Raigad	410208 Maharashtra
Custon	ner Reference: Work Order no.	4800055893, Date	d 24.07.2019		
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	per (2 nos), Charcoal Tube,
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
Date of	Sampling : 24.11.2020		Analysis Date		020 — 30.11.2020
Sample	Received : 26.11.2020		Date of Repo	rting : 01.12.20	)20
Sampli	ng Location: Near CAAQMS No	0.2	Sample Code	: NIL/AA/	11/20/440
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	66.5	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM <sub>2.5</sub> )	30.4	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	11.9	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	17.6	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.14	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.4	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	48.2	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	7.5	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.21	µg/m³	1	A DULA A: Old E 1:1:
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	56.9	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation
15	Acid Mist	1.8	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.16	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.



			INLIVINI						
	ner Name : M/s. Deepak Fer								
	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra								
Custon	ner Reference: Work Order no.	4800055893, Date	24.07.2019						
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,				
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)				
Date of	Sampling : 26.11.2020	311	Analysis Date		020 — 01.12.2020				
Sample	Received : 28.11.2020		Date of Repo	rting : 02.12.20	020				
Sampli	ng Location: Near CFB Cooling	Tower	Sample Code	: NIL/AA/	11/20/441				
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method				
1	Particulate Matter (PM <sub>10</sub> )	56.4	µg/m³	100	IS-5182 (Part-23)				
2	Particulate Matter (PM2.5)	23.9	µg/m³	60	NIL/AIR/SOP/03*				
3	Sulphur Dioxide (SO <sub>2</sub> )	14.1	µg/m³	80	IS-5182 (Part-02)				
4	Oxides of Nitrogen (NO <sub>x</sub> )	22.7	µg/m³	80	IS-5182 (Part-06)				
5	Carbon Monoxide (CO)	0.90	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)				
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	1.3	µg/m³	5	IS-5182 (Part-11)				
7	Ammonia (NH <sub>3</sub> )	24.8	µg/m³	400	ISC Part-II (Method-401)				
8	Ozone (O <sub>3</sub> )	11.8	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)				
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)				
10	Lead (Pb)	0.15	µg/m³	1	ADUA A:- 0[d = 1:1:				
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition				
12	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)				
-	Hydrocarbon (HC)	54.5	µg/m³		IS-5182 (Part-11)				
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation				
15	Acid Mist	2.0	µg/m³		ICMA Manual (Part 2)				
16	Fluoride	0.40	µg/m³		IS-5182 (Part-13)				

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.



Custon	ner Name ; M/s. Deepak Fe	tilisers And Petroch	nemicals Corpora	ation Limited	
	ner Address : Taloja Plant Plot				410208 Maharashtra
Custon	ner Reference : Work Order no.	4800055893, Dated	24.07.2019		T T DE CO THAIR A CONTROL
Sample			Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 26.11.2020		Analysis Dat		020 — 01.12.2020
	Received : 28.11.2020			rting : 02.12.20	
	ng Location: NPK Production U	nit	Sample Code		100100000
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	63.8	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	26.9	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	10.7	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	18.2	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.16	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.3	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	31.8	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	9.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	<0.5	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.25	µg/m³	1	
11	Arsenic (As)	<1.0	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	<0.1	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	41.3	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	<8.0	µg/m³		By Calculation
15	Acid Mist	3.5	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.26	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere **Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





Custon	ner Name ; M/s. Deepak Fei	tilisare And Patros	homicals Corner	ration Limited	
	ner Address : Taloja Plant Plot				110209 Maharachtra
	ner Reference : Work Order no.			aloja Dist. Kalgad	410206 Manarashtra
		48000055893, Date			
Sample			Sample Qty.		per (2 nos), Charcoal Tube,
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 29.12.2020		Analysis Dat		020 — 04.01.2021
	e Received : 31.12.2020		Date of Repo		)21
	ng Location: NPK Gate No.4		Sample Code	e : NIL/AA/	12/20/405
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	64.1	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM₂.₅)	28.2	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	13.8	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	22.4	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	0.98	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH₃)	46.0	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O₃)	12.9	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.26	µg/m³	1	
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	63.7	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	1.6	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.20	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com





Custon	ner Name : M/s. Deepak Fer	tilisers And Petroc	hemicals Corpora	ation Limited.					
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra								
Custom	ner Reference: Work Order no.	4800055893, Date	d 24.07.2019	, , , , , , , , , , , , , , , , , , , ,					
Sample	Sample Type : Ambient Air Sample Qty. & : Filter Paper (2 nos), Charcoal Tube,								
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)				
Date of	Sampling : 29.12.2020		Analysis Dat	e : 31.12.20	020 — 04.01.2021				
Sample	Received : 31.12.2020		Date of Repo	rting : 05.01.20	021				
Samplin	ng Location: Near IPA Gate		Sample Code	: NIL/AA/	12/20/406				
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method				
1	Particulate Matter (PM <sub>10</sub> )	68.9	µg/m³	100	IS-5182 (Part-23)				
2	Particulate Matter (PM2.5)	24.3	µg/m³	60	NIL/AIR/SOP/03*				
3	Sulphur Dioxide (SO₂)	12.3	µg/m³						
4	Oxides of Nitrogen (NO <sub>x</sub> )	18.7	µg/m³	80	IS-5182 (Part-06)				
5	Carbon Monoxide (CO)	1.00	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)				
6	Benzene (C₅H₅)	BDL	µg/m³	5	IS-5182 (Part-11)				
7	Ammonia (NH₃)	37.5	µg/m³	400	ISC Part-II (Method-401)				
8	Ozone (O <sub>3</sub> )	7.9	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)				
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)				
10	Lead (Pb)	0.40	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition				
11	Arsenic (As)	BDL	ng/m³	6					
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)				
	Hydrocarbon (HC)	64.1	µg/m³		IS-5182 (Part-11)				
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation				
55555	Acid Mist	3.2	µg/m³		ICMA Manual (Part 2)				
	Fluoride	0.25	µg/m³		IS-5182 (Part-13)				

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





Custon	ner Name ; M/s. Deepak Fer	tilisers And Petroc	hemicals Cornor	ation Limited	
	ner Address : Taloja Plant Plot				110208 Maharashtra
Custon	ner Reference: Work Order no.	1800055803 Dato	di Alea, F.O. Ta	iloja Dist. Kalyau	4 10200 WallalaSilla
		+000000000000, Date			
Sample			Sample Qty.		per (2 nos), Charcoal Tube,
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 29.12.2020		Analysis Dat		020 — 04.01.2021
	Received : 31.12.2020			rting : 05.01.20	
	ng Location: Near Gate No.2		Sample Code	: NIL/AA/	12/20/407
Sr. No.		Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	58.3	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	29.1	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO₂)	12.0	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	19.7	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	0.96	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	27.1	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	10.6	μg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.34	µg/m³	1	ADUA A: old = iii
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	63.8	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	1.5	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.38	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.



CIN: U74999MH2003PLC142228

A MoEFCC Recognised & NABL Accredited Laboratory



Custon	ner Name : M/s. Deepak Fer	tilisers And Petroc	hemicals Corpor	ation Limited	
	ner Address : Taloja Plant Plot				410208 Maharashtra
	ner Reference : Work Order no.				
Sample			Sample Qty.	& : Filter Pa	per (2 nos), Charcoal Tube,
-	ng Done By: Netel (India) Limite	d	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 30.12.2020		Analysis Dat		021 — 04.01.2021
	Received : 01.01.2021		-	orting : 05.01.20	P 1 - 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sampli	ng Location: NPK Raw Material	Storage Area	Sample Code		
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	63.3	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	29.1	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	9.5	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	14.8	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.02	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C₅H₅)	BDL	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	45.7	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O₃)	13.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.34	µg/m³	1	ADULA A: Old E III
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
	Hydrocarbon (HC)	47.2	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	2.4	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.22	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.



Custom	ner Name : M/s. Deepak Fer	tilisers And Petroch	emicals Cornors	ation Limited	
	ner Address : Taloja Plant Plot				410208 Maharashtra
	ner Reference : Work Order no.			loja Dist. Malgau	+10200 Wallarasillia
Sample		TOOOOOOOO, Dated		o . Filtar Da	nor (O nos) Obaresal Tuka
	ng Done By : Netel (India) Limite	-d	Sample Qty.		per (2 nos), Charcoal Tube,
-	Sampling : 30.12.2020	tu	Packing Pack		& 50ml Plastic Bottle (4 nos)
	Received : 01.01.2021		Analysis Date		021 — 04.01.2021
		-14		rting : 05.01.20	
	ng Location: NPK Production U		Sample Code		
Sr. No.		Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM10)	70.6	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	29.1	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	13.1	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	20.8	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.12	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	22.1	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	7.4	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.36	µg/m³	1	A DULA A: Old E III
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	34.2	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	3.2	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.24	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com



Custon	ner Name ; M/s. Deepak Fe	rtilisers And Petroc	chemicals Corpor	ation Limited.	
Custon	ner Address : Taloja Plant Plo				410208 Maharashtra
Custon	ner Reference : Work Order no.	4800055893, Date	d 24.07.2019	,	11
Sample	E Type : Ambient Air		Sample Qty.	& : Filter Pa	per (2 nos), Charcoal Tube,
Sampli	ng Done By: Netel (India) Limit	ed	Packing		& 50ml Plastic Bottle (4 nos)
Date of	Sampling : 30.12.2020		Analysis Dat		021 — 04.01.2021
Sample	Received : 01.01.2021		Date of Repo	orting : 05.01.20	)21
Sampli	ng Location: Near CFB Cooling	Tower	Sample Code	e : NIL/AA/	12/20/410
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	63.8	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	31.3	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	13.8	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	20.4	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.01	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	44.3	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	12.3	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.40	µg/m³	1	ADUA A:- Old E iti
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	22.2	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	μg/m³		By Calculation
15	Acid Mist	3.2	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.18	µg/m³		IS-5182 (Part-13)

Remark: All parameters are within permissible limits

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*





Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





		I LOI IXLI						
Custome	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.							
Custome	r Address : Taloja Plant Plot K-1,	MIDC Industrial Area,	P.O. Taloja	Dist. Raigad 410208 Mah	arashtra			
Custome	r Reference: Work Order no. 4800	055893, Dated 24.07.2	2019					
MoEFCC	Validity: 16 October 2024	NABL	. Validity	: 19 March 2022				
Sample T	ype : Ambient Air	Samp	ling Done B	y: Netel (India) Limited				
Date of Sampling : 29.12.2020 Analysis Date : 31.12.2020 — 04.01.2021				.2021				
Sample F	Received : 31.12.2020	Date	of Reporting	<b>:</b> 05.01.2021				
Sr. No.	Location	Sample code	Unit	Result (mg/m³) Hydrogen Chloride	Method			
1	NPK Gate No. 4	NIL/AA/12/20/405		0.32				
2	Near IPA Gate	NIL/AA/12/20/406		0.33				
3	Near Gate No. 2	NIL/AA/12/20/407	ma/m³	0.16	NIOCH 7002			
4	NPK Raw Material Storage Area	NIL/AA/12/20/408	mg/m³	0.27	NIOSH 7903			
5	NPK Production Unit	NIL/AA/12/20/409		0.31				
6	Near CFB Cooling Tower	NIL/AA/12/20/410	1	0.30				

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.



		1 - 0 1 1	<u> </u>				
	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
Custon	ner Reference: Work Order no.	4800055893, Dated	24.07.2019				
MoEFC	MoEFCC Validity : 16 October 2024 NABL Validity : 19 March 2022						
Sample	Type : Ambient Air		Sample Qty. 8	3 : Filter Pa	per (2 nos), Charcoal Tube,		
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)		
	Sampling : 27.01.2021		Analysis Date		021 — 01.02.2021		
Sample	Received : 29.01.2021		Date of Repor	rting : 02.02.20			
Samplii	ng Location: NPK Production U	nit	Sample Code	: NIL/AA/	01/21/363		
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	70.2	µg/m³	100	IS-5182 (Part-23)		
2	Particulate Matter (PM2.5)	38.6	µg/m³	60	NIL/AIR/SOP/03*		
3	Sulphur Dioxide (SO₂)	10.2	µg/m³	80	IS-5182 (Part-02)		
4	Oxides of Nitrogen (NO <sub>x</sub> )	16.2	µg/m³	80	IS-5182 (Part-06)		
5	Carbon Monoxide (CO)	0.90	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)		
6	Benzene (C₅H₅)	3.3	µg/m³	5	IS-5182 (Part-11)		
7	Ammonia (NH <sub>3</sub> )	33.0	µg/m³	400	ISC Part-II (Method-401)		
8	Ozone (O₃)	8.8	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)		
9 💆	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)		
10	Lead (Pb)	0.19	µg/m³	1	ADULA A: Old E III		
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)		
13	Hydrocarbon (HC)	32.3	µg/m³		IS-5182 (Part-11)		
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation		
15	Acid Mist	2.6	µg/m³		ICMA Manual (Part 2)		
16	Fluoride	0.38	µg/m³		IS-5182 (Part-13)		
Noto .	1 * Laboratory SOP based on CP0	CP Cuidolines Volum	20 1 0 11				

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com



Custon	ner Name : M/s. Deepak Fei	tilisers And Petroch	emicals Corpora	ation Limited.			
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
Custon	ner Reference: Work Order no.	4800055893, Dated	24.07.2019	, ,			
MoEFC	MoEFCC Validity : 16 October 2024 NABL Validity : 19 March 2022						
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,		
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)		
Date of	Sampling : 28.01.2021		Analysis Date		021 — 02.02.2021		
	Received : 30.01.2021		Date of Repo	rting : 03.02.20			
Samplii	ng Location: NPK Gate No.4		Sample Code	: NIL/AA/	01/21/364		
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	63.9	µg/m³	100	IS-5182 (Part-23)		
2	Particulate Matter (PM2.5)	25.6	µg/m³	60	NIL/AIR/SOP/03*		
3	Sulphur Dioxide (SO <sub>2</sub> )	13.2	µg/m³	80	IS-5182 (Part-02)		
4	Oxides of Nitrogen (NO <sub>x</sub> )	22.2	µg/m³	80	IS-5182 (Part-06)		
5	Carbon Monoxide (CO)	0.90	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.2	µg/m³	5	IS-5182 (Part-11)		
7	Ammonia (NH₃)	22.6	µg/m³	400	ISC Part-II (Method-401)		
8	Ozone (O <sub>3</sub> )	12.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)		
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)		
10	Lead (Pb)	0.15	µg/m³	1	ADUA A: ord = ive		
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)		
	Hydrocarbon (HC)	63.6	µg/m³		IS-5182 (Part-11)		
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation		
15	Acid Mist	2.2	µg/m³		ICMA Manual (Part 2)		
	Fluoride  1 * Laboratory SOP, based on CPC	0.41	µg/m³		IS-5182 (Part-13)		

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Sure ha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





0	M	100 A 1.D 1 1						
	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.							
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra							
	Customer Reference: Work Order no. 4800055893, Dated 24.07.2019							
MoEFC	C Validity: 16 October 2024		NABL Validity	y : 19 Marc	ch 2022			
	e Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,			
	ng Done By: Netel (India) Limite	ed	Packing	Bladder	& 50ml Plastic Bottle (4 nos)			
_	<b>Sampling</b> : 28.01.2021		Analysis Date	e : 30.01.20	021 — 02.02.2021			
-	e Received : 30.01.2021		Date of Repo	rting : 03.02.20	021			
Sampli	ng Location: Near CFB Cooling	Tower	Sample Code	: NIL/AA/	01/21/365			
Sr. No.		Results	Unit	CPCB Limit	Method			
1	Particulate Matter (PM <sub>10</sub> )	62.7	µg/m³	100	IS-5182 (Part-23)			
2	Particulate Matter (PM2.5)	29.9	µg/m³	60	NIL/AIR/SOP/03*			
3	Sulphur Dioxide (SO <sub>2</sub> )	12.9	µg/m³	80	IS-5182 (Part-02)			
4	Oxides of Nitrogen (NO <sub>x</sub> )	18.6	µg/m³	80	IS-5182 (Part-06)			
5	Carbon Monoxide (CO)	1.18	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)			
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	1.1	µg/m³	5	IS-5182 (Part-11)			
7	Ammonia (NH <sub>3</sub> )	43.2	µg/m³	400	ISC Part-II (Method-401)			
8	Ozone (O <sub>3</sub> )	9.3	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)			
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)			
10	Lead (Pb)	0.34	µg/m³	1	VDITV V: 014 E-155			
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition			
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)			
13	Hydrocarbon (HC)	28.9	µg/m³		IS-5182 (Part-11)			
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation			
15	Acid Mist	1.3	µg/m³		ICMA Manual (Part 2)			
16	Fluoride	0.40	µg/m³		IS-5182 (Part-13)			
Maka	1 * Laboratory COD boood on CD	20 0 11 11 1/1	1.0.11		· · · · · · · · · · · · · · · · · · ·			

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*





Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.



Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited						
	The state of the s						
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra Customer Reference : Work Order no. 4800055893, Dated 24.07.2019						
		4800055893, Dated					
MoEFC	C Validity: 16 October 2024		NABL Validity	y : 19 Marc	th 2022		
	e Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,		
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)		
Date of	Sampling : 27.01.2021		Analysis Date		021 — 01.02.2021		
	Received : 29.01.2021		Date of Repo	rting : 02.02.20	021		
Sampli	ng Location: NPK Raw Material	Storage Area	Sample Code	: NIL/AA/	01/21/362		
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	62.9	µg/m³	100	IS-5182 (Part-23)		
2	Particulate Matter (PM2.5)	26.9	µg/m³	60	NIL/AIR/SOP/03*		
3	Sulphur Dioxide (SO₂)	11.2	µg/m³	80	IS-5182 (Part-02)		
4	Oxides of Nitrogen (NO <sub>x</sub> )	16.5	µg/m³	80	IS-5182 (Part-06)		
5	Carbon Monoxide (CO)	1.05	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.3	µg/m³	5	IS-5182 (Part-11)		
7	Ammonia (NH <sub>3</sub> )	47.8	µg/m³	400	ISC Part-II (Method-401)		
8	Ozone (O <sub>3</sub> )	8.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)		
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)		
10	Lead (Pb)	0.19	µg/m³	1			
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition		
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)		
13	Hydrocarbon (HC)	30.0	µg/m³		IS-5182 (Part-11)		
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation		
15	Acid Mist	2.8	µg/m³		ICMA Manual (Part 2)		
16	Fluoride	0.40		1222			
	Fluoride		µg/m³		IS-5182 (Part-13)		

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Ch

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



0 /	M 10 =					
Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
	ner Reference: Work Order no.	4800055893, Dated	24.07.2019			
MoEFC	C Validity: 16 October 2024		NABL Validit	y : 19 Marc	ch 2022	
	E Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,	
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
	Sampling : 30.01.2021		Analysis Dat		021 — 04.02.2021	
	e Received : 01.02.2021		Date of Repo	rting : 05.02.20	021	
	ng Location: Near Gate No.2		Sample Code			
Sr. No.		Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	58.2	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	27.8	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO <sub>2</sub> )	14.1	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	22.6	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	0.95	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	1.8	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	34.1	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	10.5	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	0.16	µg/m³	1		
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition	
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
13	Hydrocarbon (HC)	44.2	µg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
15	Acid Mist	3.5	µg/m³		ICMA Manual (Part 2)	
16	Fluoride	0.27	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





Custor	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.							
	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra							
Custon	Customer Reference: Work Order no. 4800055893, Dated 24.07.2019							
	MoEFCC Validity : 16 October 2024   NABL Validity : 19 March 2022							
Sample	Type : Ambient Air		Sample Qty.		aper (2 nos), Charcoal Tube,			
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)			
	Sampling : 30.01.2021		Analysis Dat		021 — 04.02.2021			
Sample	Received : 01.02.2021			orting : 05.02.20				
Sampli	ng Location: Near IPA Gate		Sample Code					
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method			
1	Particulate Matter (PM <sub>10</sub> )	66.9	µg/m³	100	IS-5182 (Part-23)			
2	Particulate Matter (PM2.5)	25.6	µg/m³	60	NIL/AIR/SOP/03*			
3	Sulphur Dioxide (SO <sub>2</sub> )	14.9	µg/m³	80	IS-5182 (Part-02)			
4	Oxides of Nitrogen (NO <sub>x</sub> )	23.7	µg/m³	80	IS-5182 (Part-06)			
5	Carbon Monoxide (CO)	1.02	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)			
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.1	µg/m³	5	IS-5182 (Part-11)			
7	Ammonia (NH <sub>3</sub> )	30.9	µg/m³	400	ISC Part-II (Method-401)			
8	Ozone (O <sub>3</sub> )	10.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)			
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)			
10	Lead (Pb)	0.24	µg/m³	1	ADUA A: Old E III			
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition			
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)			
13	Hydrocarbon (HC)	33.3	µg/m³		IS-5182 (Part-11)			
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation			
15	Acid Mist	2.6	µg/m³		ICMA Manual (Part 2)			
16	Fluoride	0.23	µg/m³		IS-5182 (Part-13)			

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





# **Netel (India) Limited**

## **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custon	ner Reference: Work Order no.	4800055893, Dated	24.07.2019	, ,		
MoEFC	C Validity: 16 October 2024		NABL Validity	y : 19 Marc	ch 2022	
Sample	E Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,	
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
	Sampling : 12.02.2021		Analysis Date		021 — 18.02.2021	
	Received : 15.02.2021			rting : 19.02.20	021	
	ng Location: Main Gate		Sample Code	: NIL/OT/	02/21/103	
Sr. No.		Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	66.7	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	33.4	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO <sub>2</sub> )	14.6	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	20.9	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	1.19	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.3	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	35.0	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	11.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	0.40	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
11	Arsenic (As)	BDL	ng/m³	6	CANCE TESTERS OF SHEET OF SECURIORISES	
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
13	Hydrocarbon (HC)	31.8	µg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
15	Acid Mist	1.5	µg/m³		ICMA Manual (Part 2)	
	Fluoride	0.20	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

ssued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



Regd. office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020. Tel.: 22066231 / 61





# **Netel (India) Limited**

## **TEST REPORT**

Custon	ner Name : M/s. Deepak Fe	tilisers And Petroche	emicals Corpora	ation Limited.			
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra							
Custon	ner Reference: Work Order no.	4800055893, Dated 2	24.07.2019	,			
MoEFC	MoEFCC Validity : 16 October 2024   NABL Validity : 19 March 2022						
Sample	Type : Ambient Air		Sample Qty.		aper (2 nos), Charcoal Tube,		
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)		
Date of	Sampling : 25.02.2021		Analysis Date	e : 27.02.20	021 — 02.03.2021		
Sample	Received : 27.02.2021		Date of Repo				
Sampli	ng Location: NPK Paw Material	Storage Area	Sample Code	: NIL/AA/	02/21/265		
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	69.2	µg/m³	100	IS-5182 (Part-23)		
2	Particulate Matter (PM2.5)	27.8	µg/m³	60	NIL/AIR/SOP/03*		
3	Sulphur Dioxide (SO <sub>2</sub> )	10.5	µg/m³	80	IS-5182 (Part-02)		
4	Oxides of Nitrogen (NO <sub>x</sub> )	16.5	µg/m³	80	IS-5182 (Part-06)		
5	Carbon Monoxide (CO)	1.08	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.1	µg/m³	5	IS-5182 (Part-11)		
7	Ammonia (NH <sub>3</sub> )	38.2	µg/m³	400	ISC Part-II (Method-401)		
8	Ozone (O <sub>3</sub> )	12.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)		
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)		
10	Lead (Pb)	0.18	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition		
11	Arsenic (As)	BDL	ng/m³	6	AND THE PERSONNEL BY SAID SOLD THE PROPERTY AS		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)		
	Hydrocarbon (HC)	25.8	µg/m³		IS-5182 (Part-11)		
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation		
15	Acid Mist	2.3	µg/m³		ICMA Manual (Part 2)		
	Fluoride	0.36	µg/m³		IS-5182 (Part-13)		

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

ssued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



Regd. office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020. Tel.: 22066231 / 61





# **Netel (India) Limited**

## **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
Custon	Customer Reference: Work Order no. 4800055893, Dated 24.07.2019						
	C Validity : 16 October 2024		NABL Validity	/ : 19 Marc	ch 2022		
Sample	Type : Ambient Air		Sample Qty.		aper (2 nos), Charcoal Tube,		
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)		
Date of	Sampling : 25.02.2021		Analysis Date	27.02.2	021 — 02.03.2021		
Sample	Received : 27.02.2021			rting : 04.03.20			
Sampli	ng Location: NPK Production U	nit	Sample Code				
Sr. No.		Results	Unit	CPCB Limit	Method		
1	Particulate Matter (PM10)	60.8	µg/m³	100	IS-5182 (Part-23)		
2	Particulate Matter (PM₂.₅)	28.6	µg/m³	60	NIL/AIR/SOP/03*		
3	Sulphur Dioxide (SO₂)	10.8	µg/m³	80	IS-5182 (Part-02)		
4	Oxides of Nitrogen (NO <sub>x</sub> )	17.4	µg/m³	80	IS-5182 (Part-06)		
5	Carbon Monoxide (CO)	1.17	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.5	µg/m³	5	IS-5182 (Part-11)		
7	Ammonia (NH₃)	35.0	µg/m³	400	ISC Part-II (Method-401)		
8	Ozone (O <sub>3</sub> )	9.3	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)		
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)		
10	Lead (Pb)	0.26	µg/m³	1	ADIIA A: Ord E 1:1:		
11	Arsenic (As)	BDL	ng/m³	6	APHA - Air 3 <sup>rd</sup> Edition		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)		
	Hydrocarbon (HC)	48.6	µg/m³		IS-5182 (Part-11)		
	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation		
15	Acid Mist	3.3	µg/m³		ICMA Manual (Part 2)		
	Fluoride  1 * Laboratory SOB, based on CDC	0.28	µg/m³		IS-5182 (Part-13)		

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area. NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



Regd. office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020. Tel.: 22066231 / 61





## **TEST REPORT**

	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Customer Reference: Work Order no. 4800055893, Dated 24.07.2019						
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	h 2022	
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,	
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
	Sampling : 26.02.2021		Analysis Date		021 — 04.03.2021	
	Received : 01.03.2021		Date of Repo	rting : 04.03.20	021	
	ng Location: Gate No-4	·	Sample Code	: NIL/AA/	03/21/008	
Sr. No.		Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	62.7	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	28.2	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO₂)	12.2	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	17.2	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	1.07	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	1.2	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	42.0	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	11.7	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	0.27	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
11	Arsenic (As)	BDL	ng/m³	6		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
	Hydrocarbon (HC)	61.3	µg/m³		IS-5182 (Part-11)	
					By Calculation	
0.955					ICMA Manual (Part 2)	
	Note that the second se		µg/m³		IS-5182 (Part-13)	
14 15 16	Sulfur Trioxide (SO <sub>3</sub> ) Acid Mist Fluoride	BDL 3.5 0.21	µg/m³ µg/m³ µg/m³		By Calculation ICMA Manual (Part 2)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Custom	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custon	ner Reference: Work Order no.	4800055893. Dated 3	24 07 2019	loja Dist. Malyau	410200 ManaraSillia	
	C Validity : 16 October 2024	- Date and a second sec	NABL Validity	y : 19 Marc	h 2022	
Sample			Sample Qty.		aper (2 nos), Charcoal Tube,	
	ng Done By: Netel (India) Limite	h	Packing		& 50ml Plastic Bottle (4 nos)	
	Sampling : 26.02.2021	74	Analysis Date		021 — 04.03.2021	
	Received : 01.03.2021		Date of Repo			
	ng Location: Near CFB Cooling	Tower	Sample Code			
Sr. No.		Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	61.0	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	27.3	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO <sub>2</sub> )	12.0	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	20.4	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	1.19	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.3	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	34.3	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	9.4	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
	Lead (Pb)	0.25	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
	Arsenic (As)	BDL	ng/m³	6		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
	Hydrocarbon (HC)	22.9	μg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
	Acid Mist	1.4	µg/m³		ICMA Manual (Part 2)	
	Fluoride	0.31	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

ssued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.				
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custon	ner Reference: Work Order no.	4800055893, Dated	24.07.2019		
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	h 2022
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	<b>Sampling</b> : 26.02.2021		Analysis Date		021 — 04.03.2021
	Received : 01.03.2021			rting : 04.03.20	
	ng Location: IPA Gate		Sample Code	: NIL/AA/	03/21/010
Sr. No.		Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	67.6	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	24.3	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	13.7	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	21.9	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.10	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	2.8	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	23.2	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	12.8	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.36	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition
11	Arsenic (As)	BDL	ng/m³	6	SOURCE AND AND AND SELECTION STATES OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PRO
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	26.6	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	2.6	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.31	µg/m³		IS-5182 (Part-13)

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228







#### **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custon	ner Reference: Work Order no.	4800055893, Dated	24.07.2019	, ,		
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	ch 2022	
Sample	Type : Ambient Air		Sample Qty.	& : Filter Pa	aper (2 nos), Charcoal Tube,	
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
	<b>Sampling</b> : 26.02.2021		Analysis Date		021 — 04.03.2021	
	Received : 01.03.2021		Date of Repo	rting : 04.03.2	021	
	ng Location: K-6		Sample Code	: NIL/AA/	03/21/011	
Sr. No.		Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	68.7	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	32.1	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO <sub>2</sub> )	12.0	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	17.3	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	0.90	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	22.8	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	12.4	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	BDL	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
11	Arsenic (As)	BDL	ng/m³	6		
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
13	Hydrocarbon (HC)	58.9	µg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
15	Acid Mist	3.1	µg/m³		ICMA Manual (Part 2)	
16	Fluoride	BDL	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

ssued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
Customer Reference: Work Order no. 4800055893, Dated 24.07.2019						
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	h 2022	
Sample	Type : Ambient Air		Sample Qty.		aper (2 nos), Charcoal Tube,	
Samplii	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
Date of	Sampling : 27.02.2021		Analysis Date		021 — 04.03.2021	
	Received : 01.03.2021		Date of Repo	rting : 04.03.20		
Samplin	ng Location: Gate No-2		Sample Code	: NIL/AA/	03/21/012	
Sr. No.	V	Results	Unit	CPCB Limit	Method	
	Particulate Matter (PM <sub>10</sub> )	57.9	µg/m³	100	IS-5182 (Part-23)	
	Particulate Matter (PM2.5)	31.3	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO₂)	13.4	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	21.2	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	0.91	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.7	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH₃)	40.6	µg/m³	400	ISC Part-II (Method-401)	
	Ozone (O <sub>3</sub> )	11.6	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	0.33	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
	Arsenic (As)	BDL	ng/m³	6		
	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
	Hydrocarbon (HC)	58.3	µg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	μg/m³		By Calculation	
15	Acid Mist	2.7	µg/m³		ICMA Manual (Part 2)	
16	Fluoride  1 * Laboratory SOB, based on CDC	0.27	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

	TEOT NEI ON				
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
ner Reference: Work Order no. 4	4800055893, Dated 2	24.07.2019			
C Validity : 16 October 2024		NABL Validity	/ : 19 Marc	h 2022	
Type : Ambient Air		Sample Qty. 8	% : Filter Pa	aper (2 nos), Charcoal Tube,	
ng Done By: Netel (India) Limite	ed	4		& 50ml Plastic Bottle (4 nos)	
Sampling : 09.03.2021				021 — 15.03.2021	
Received : 11.03.2021		Date of Repor	rting : 16.03.20	021	
ng Location: NPK Raw Material	Storage	Sample Code	: NIL/AA/	03/21/121	
Test Parameter	Results	Unit	CPCB Limit	Method	
Particulate Matter (PM <sub>10</sub> )	72.3	µg/m³	100	IS-5182 (Part-23)	
Particulate Matter (PM2.5)	33.9	µg/m³	60	NIL/AIR/SOP/03*	
Sulphur Dioxide (SO <sub>2</sub> )	11.3	µg/m³	80	IS-5182 (Part-02)	
Oxides of Nitrogen (NO <sub>x</sub> )	16.5	µg/m³	80	IS-5182 (Part-06)	
Carbon Monoxide (CO)	0.94	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
Benzene (C <sub>6</sub> H <sub>6</sub> )	2.1	µg/m³	5	IS-5182 (Part-11)	
Ammonia (NH <sub>3</sub> )	47.9	µg/m³	400	ISC Part-II (Method-401)	
Ozone (O <sub>3</sub> )	10.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
Lead (Pb)	0.20	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
	100000000000000000000000000000000000000		6	WARRED MARKET INTO TO A CONTROL OF THE PARTY	
		ng/m³	20	(Method 822)	
	59.9	µg/m³		IS-5182 (Part-11)	
				By Calculation	
	2.2			ICMA Manual (Part 2)	
and the second s	0.19	µg/m³		IS-5182 (Part-13)	
	ner Address : Taloja Plant Plot ner Reference : Work Order no. 4  C Validity : 16 October 2024  Type : Ambient Air ng Done By : Netel (India) Limite Sampling : 09.03.2021  Received : 11.03.2021  Test Parameter  Particulate Matter (PM10)  Particulate Matter (PM10)  Particulate Matter (PM2.5)  Sulphur Dioxide (SO2)  Oxides of Nitrogen (NOx)  Carbon Monoxide (CO)  Benzene (C6H6)  Ammonia (NH3)  Ozone (O3)  Benzo - a - Pyrene (BaP)  Lead (Pb)  Arsenic (As)  Nickel (Ni)  Hydrocarbon (HC)  Sulfur Trioxide (SO3)  Acid Mist  Fluoride	rer Address : Taloja Plant Plot K-1, MIDC Industria ner Reference : Work Order no. 4800055893, Dated 2  C Validity : 16 October 2024  Type : Ambient Air  Ing Done By : Netel (India) Limited  Sampling : 09.03.2021  Received : 11.03.2021  Ing Location : NPK Raw Material Storage  Test Parameter Results  Particulate Matter (PM10) 72.3  Particulate Matter (PM2.5) 33.9  Sulphur Dioxide (SO2) 11.3  Oxides of Nitrogen (NOx) 16.5  Carbon Monoxide (CO) 0.94  Benzene (C6H6) 2.1  Ammonia (NH3) 47.9  Ozone (O3) 10.2  Benzo - a - Pyrene (BaP) BDL  Lead (Pb) 0.20  Arsenic (As) BDL  Nickel (Ni) BDL  Hydrocarbon (HC) 59.9  Sulfur Trioxide (SO3) BDL  Acid Mist 2.2  Fluoride 0.19	rer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloer Reference : Work Order no. 4800055893, Dated 24.07.2019  C Validity : 16 October 2024  Type : Ambient Air  Ing Done By : Netel (India) Limited  Sampling : 09.03.2021  Received : 11.03.2021  Received : 11.03.2021  Date of Report Analysis Date  Test Parameter  Results  Unit  Particulate Matter (PM10)  Particulate Matter (PM2.5)  Sulphur Dioxide (SO2)  Test Parameter (PM2.5)  Sulphur Dioxide (SO2)  Test Parameter (PM3.6)  Carbon Monoxide (CO)  Benzene (CeH6)  Ammonia (NH3)  Ozone (O3)  Benzo - a - Pyrene (BaP)  Lead (Pb)  Arsenic (As)  Nickel (Ni)  Hydrocarbon (HC)  Sulfur Trioxide (SO3)  BDL  pg/m3  Acid Mist  2.2  pg/m3  Ased 24.07.2019  NABL Validity  Sample Qty. 8  Rea, P.O. Taloet Taloet 24.07.2019  NABL Validity  Sample Qty. 8  Packing  Analysis Date  Analysis Date  Packing  Analysis D	ter Address         : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad ther Reference         Work Order no. 4800055893, Dated 24.07.2019           C Validity         : 16 October 2024         NABL Validity         : 19 Marcon 24.07.2019           C Validity         : 16 October 2024         NABL Validity         : 19 Marcon 24.07.2019           Type         : Ambient Air         Sample Qty. & : Filter Parang Done By : Netel (India) Limited         Packing         Bladder           Sampling         : 09.03.2021         Analysis Date         : 11.03.20           Received         : 11.03.2021         Date of Reporting         : 16.03.20           Ing Location         : NPK Raw Material Storage         Sample Code         : NIL/AA/           Test Parameter         Results         Unit         CPCB Limit           Particulate Matter (PM <sub>10</sub> )         72.3         μg/m³         100           Particulate Matter (PM <sub>2-5</sub> )         33.9         μg/m³         60           Sulphur Dioxide (SO <sub>2</sub> )         11.3         μg/m³         80           Oxides of Nitrogen (NO <sub>x</sub> )         16.5         μg/m³         80           Carbon Monoxide (CO)         0.94         mg/m³         2 for 8 hrs.           Benzene (C <sub>6</sub> H <sub>6</sub> )         2.1         μg/m³         100 for 8 hrs.	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



ISO 9001:2015

www.tuv.com ID 9105082996



### **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.				
Custon	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra				
	ner Reference: Work Order no.			,	
MoEFC	C Validity : 16 October 2024		NABL Validity	/ : 19 Marc	h 2022
Sample	Type : Ambient Air		Sample Qty. 8	% : Filter Pa	aper (2 nos), Charcoal Tube,
Sampli	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 09.03.2021		Analysis Date		021 — 15.03.2021
	Received : 11.03.2021			rting : 16.03.20	021
Sampli	ng Location: NPK Production U	nit	Sample Code	: NIL/AA/	03/21/122
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	57.9	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM2.5)	26.5	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO <sub>2</sub> )	12.3	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	18.3	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	0.96	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	3.0	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	21.8	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	8.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.23	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition
11	Arsenic (As)	BDL	ng/m³	6	(Method 822)
12	Nickel (Ni)	BDL	ng/m³	20	100
13	Hydrocarbon (HC)	49.4	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	3.4	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.22	µg/m³		IS-5182 (Part-13)

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Custom	ner Name : M/s. Deepak Fer	tilisers And Petroche	emicals Cornora	tion Limited	
	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.  Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra				
	ner Reference : Work Order no.			oja Dist. Maigaa	+10200 Manaraontra
	C Validity : 16 October 2024	Toolooooo, Batea 2	NABL Validity	: 19 Marc	h 2022
Sample		=1	Sample Qty. 8		per (2 nos), Charcoal Tube,
	ng Done By: Netel (India) Limite	d	Packing		& 50ml Plastic Bottle (4 nos)
	Sampling : 10.03.2021		Analysis Date		021 — 15.03.2021
	Received : 12.03.2021			ting : 16.03.20	
	ng Location: Near CFB Cooling		Sample Code		
Sr. No.		Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM10)	68.4	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM₂.₅)	26.0	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO₂)	13.3	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	19.2	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.04	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C₅H₅)	2.9	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	32.6	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O₃)	9.5	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.38	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition
11	Arsenic (As)	BDL	ng/m³	6	SAME BUSHA BUSHA M DESIGNATION
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	57.0	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	2.9	μg/m³		ICMA Manual (Part 2)
16	Fluoride	0.30	µg/m³		IS-5182 (Part-13)

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Customer Reference: Work Order no. 4800055893, Dated 24.07.2019					
C Validity: 16 October 2024		NABL Validity	/ : 19 Marc	h 2022	
Type : Ambient Air		Sample Qty. 8	🖁 : Filter Pa	aper (2 nos), Charcoal Tube,	
ng Done By: Netel (India) Limite	d	Packing	Bladder	& 50ml Plastic Bottle (4 nos)	
Sampling : 10.03.2021		Analysis Date	: 12.03.20	021 — 15.03.2021	
Received : 12.03.2021				021	
ng Location: Near Gate No-4		Sample Code	: NIL/AA/	03/21/129	
Test Parameter	Results	Unit	CPCB Limit	Method	
Particulate Matter (PM <sub>10</sub> )	68.8	µg/m³	100	IS-5182 (Part-23)	
Particulate Matter (PM <sub>2.5</sub> )	37.8	µg/m³	60	NIL/AIR/SOP/03*	
Sulphur Dioxide (SO₂)	12.2	µg/m³	80	IS-5182 (Part-02)	
Oxides of Nitrogen (NO <sub>x</sub> )	17.8	µg/m³	80	IS-5182 (Part-06)	
Carbon Monoxide (CO)	1.14	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
Benzene (C <sub>6</sub> H <sub>6</sub> )	1.9	µg/m³	5	IS-5182 (Part-11)	
Ammonia (NH <sub>3</sub> )	32.8	µg/m³	400	ISC Part-II (Method-401)	
Ozone (O <sub>3</sub> )	11.1	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
Lead (Pb)	0.19	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
Arsenic (As)	BDL	ng/m³	6		
Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
Hydrocarbon (HC)	25.5	µg/m³		IS-5182 (Part-11)	
Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
Acid Mist	2.7	µg/m³		ICMA Manual (Part 2)	
Fluoride	0.28	µg/m³		IS-5182 (Part-13)	
	ner Address : Taloja Plant Plot ner Reference : Work Order no. 4  C Validity : 16 October 2024  Type : Ambient Air neg Done By : Netel (India) Limite Sampling : 10.03.2021  Received : 12.03.2021  Test Parameter  Particulate Matter (PM <sub>10</sub> )  Particulate Matter (PM <sub>2.5</sub> )  Sulphur Dioxide (SO <sub>2</sub> )  Oxides of Nitrogen (NO <sub>x</sub> )  Carbon Monoxide (CO)  Benzene (C <sub>6</sub> H <sub>6</sub> )  Ammonia (NH <sub>3</sub> )  Ozone (O <sub>3</sub> )  Benzo - a - Pyrene (BaP)  Lead (Pb)  Arsenic (As)  Nickel (Ni)  Hydrocarbon (HC)  Sulfur Trioxide (SO <sub>3</sub> )  Acid Mist	rer Address : Taloja Plant Plot K-1, MIDC Industria rer Reference : Work Order no. 4800055893, Dated 2 C Validity : 16 October 2024  Type : Ambient Air reg Done By : Netel (India) Limited  Sampling : 10.03.2021  Received : 12.03.2021  Ing Location : Near Gate No-4  Test Parameter Results  Particulate Matter (PM10) 68.8  Particulate Matter (PM2.5) 37.8  Sulphur Dioxide (SO2) 12.2  Oxides of Nitrogen (NOx) 17.8  Carbon Monoxide (CO) 1.14  Benzene (C6H6) 1.9  Ammonia (NH3) 32.8  Ozone (O3) 11.1  Benzo - a - Pyrene (BaP) BDL  Lead (Pb) 0.19  Arsenic (As) BDL  Nickel (Ni) BDL  Hydrocarbon (HC) 25.5  Sulfur Trioxide (SO3) BDL  Acid Mist 2.7  Fluoride 0.28	rer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloer Reference : Work Order no. 4800055893, Dated 24.07.2019  C Validity : 16 October 2024  Type : Ambient Air  Ing Done By : Netel (India) Limited  Sample Qty. 8  Packing  Sampling : 10.03.2021  Received : 12.03.2021  Received : 12.03.2021  Pate of Reporting Location : Near Gate No-4  Test Parameter  Particulate Matter (PM10)  Particulate Matter (PM2.5)  Sulphur Dioxide (SO2)  Oxides of Nitrogen (NOx)  Carbon Monoxide (CO)  1.14  Benzene (C6H6)  Ammonia (NH3)  Ozone (O3)  Benzo - a - Pyrene (BaP)  Lead (Pb)  Arsenic (As)  Nickel (Ni)  BDL  ng/m3  Particulate (SO3)  BDL  ng/m3  Areanic (As)  Nickel (Ni)  BDL  ng/m3  Arighma  BDL  ng/m3  Hydrocarbon (HC)  Sulfur Trioxide (SO3)  BDL  pg/m3  Acid Mist  2.7  pg/m3  Fluoride	ter Address         : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad ter Reference         Work Order no. 4800055893, Dated 24.07.2019           C Validity         : 16 October 2024         NABL Validity         : 19 Marcon 2024           Type         : Ambient Air         Sample Qty. & Filter Paragone By: Netel (India) Limited         Packing         Bladder           Sampling         : 10.03.2021         Analysis Date         : 12.03.20           Received         : 12.03.2021         Date of Reporting         : 16.03.20           ng Location         : Near Gate No-4         Sample Code         : NIL/AA/           Test Parameter         Results         Unit         CPCB Limit           Particulate Matter (PM <sub>10</sub> )         68.8         μg/m³         100           Particulate Matter (PM <sub>2-5</sub> )         37.8         μg/m³         60           Sulphur Dioxide (SO <sub>2</sub> )         12.2         μg/m³         80           Oxides of Nitrogen (NO <sub>x</sub> )         17.8         μg/m³         80           Carbon Monoxide (CO)         1.14         mg/m³         2 for 8 hrs.           Benzene (C <sub>6</sub> H <sub>6</sub> )         1.9         μg/m³         400           Ozone (O <sub>3</sub> )         11.1         μg/m³         100 for 8 hrs.           Benzo - a - Pyrene (BaP) <th< td=""></th<>	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

0-

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Custon	ner Name : M/s. Deepak Fer	tilisers And Petroch	emicals Corpora	ation Limited.	
Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custon	ner Reference: Work Order no. 4	4800055893, Dated	24.07.2019		
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	h 2022
Sample	Type : Ambient Air		Sample Qty. 8	& : Filter Pa	aper (2 nos), Charcoal Tube,
Sampli	ng Done By: Netel (India) Limite	d	Packing	Bladder	& 50ml Plastic Bottle (4 nos)
	Sampling : 11.03.2021		Analysis Date	e : 13.03.20	021 — 16.03.2021
	Received : 13.03.2021		Date of Repo	-	OATE (2011)
Sampli	ng Location: Near IPA Gate		Sample Code	: NIL/AA/	03/21/137
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method
1	Particulate Matter (PM <sub>10</sub> )	61.9	µg/m³	100	IS-5182 (Part-23)
2	Particulate Matter (PM₂.₅)	29.1	µg/m³	60	NIL/AIR/SOP/03*
3	Sulphur Dioxide (SO₂)	14.7	µg/m³	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO <sub>x</sub> )	24.3	µg/m³	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	1.19	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)
6	Benzene (C₅H₅)	2.0	µg/m³	5	IS-5182 (Part-11)
7	Ammonia (NH <sub>3</sub> )	32.7	µg/m³	400	ISC Part-II (Method-401)
8	Ozone (O <sub>3</sub> )	7.8	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)
10	Lead (Pb)	0.29	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition
11	Arsenic (As)	BDL	ng/m³	6	Photographical New Property Street Street
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)
13	Hydrocarbon (HC)	56.6	µg/m³		IS-5182 (Part-11)
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation
15	Acid Mist	1.5	µg/m³		ICMA Manual (Part 2)
16	Fluoride	0.33	µg/m³		IS-5182 (Part-13)

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



ISO 9001:2015

www.tuv.com ID 9105082996





#### **TEST REPORT**

			CLI OIVI			
	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
	Customer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Custom	ner Reference: Work Order no.	4800055893, Dated 2	24.07.2019			
MoEFC	C Validity: 16 October 2024		NABL Validity	/ : 19 Marc	h 2022	
Sample			Sample Qty. 8	🖁 : Filter Pa	aper (2 nos), Charcoal Tube,	
	ng Done By: Netel (India) Limite	ed	Packing		& 50ml Plastic Bottle (4 nos)	
Date of	<b>Sampling</b> : 11.03.2021		Analysis Date		021 — 16.03.2021	
	Received: 13.03.2021		Date of Repor	rting : 17.03.20	021	
Samplin	ng Location: Near Gate No-2		Sample Code	: NIL/AA/	03/21/138	
Sr. No.	Test Parameter	Results	Unit	CPCB Limit	Method	
1	Particulate Matter (PM10)	57.4	µg/m³	100	IS-5182 (Part-23)	
2	Particulate Matter (PM2.5)	28.2	µg/m³	60	NIL/AIR/SOP/03*	
3	Sulphur Dioxide (SO <sub>2</sub> )	12.3	µg/m³	80	IS-5182 (Part-02)	
4	Oxides of Nitrogen (NO <sub>x</sub> )	20.7	µg/m³	80	IS-5182 (Part-06)	
5	Carbon Monoxide (CO)	0.94	mg/m³	2 for 8 hrs.	IS-5182 (Part-10)	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	1.7	µg/m³	5	IS-5182 (Part-11)	
7	Ammonia (NH <sub>3</sub> )	30.5	µg/m³	400	ISC Part-II (Method-401)	
8	Ozone (O <sub>3</sub> )	12.2	µg/m³	100 for 8 hrs.	IS-5182 (Part-09)	
9	Benzo - a - Pyrene (BaP)	BDL	ng/m³	1	IS-5182 (Part-12)	
10	Lead (Pb)	0.22	µg/m³	1	APHA - Air 3 <sup>rd</sup> Edition	
11	Arsenic (As)	BDL	ng/m³	6	ENCORRECTORS AND ASSOCIATION SHOULD REPRESENTED THE	
12	Nickel (Ni)	BDL	ng/m³	20	(Method 822)	
13	Hydrocarbon (HC)	25.2	µg/m³		IS-5182 (Part-11)	
14	Sulfur Trioxide (SO₃)	BDL	µg/m³		By Calculation	
15	Acid Mist	3.1	µg/m³		ICMA Manual (Part 2)	
16	Fluoride	0.38	µg/m³		IS-5182 (Part-13)	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.
- 4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







## **TEST REPORT**

Customer Name : M/s. Deepak Fertilisers And Petroche	: M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.			
Customer Address : Taloja Plant Plot K-1, MIDC Industria	al Area, P.O. Taloja Dist. Raigad 410208 Maharashtra			
Customer Reference: Work Order no. 4800055893, Dated 24.07.2019				
MoEFCC Validity : 16 October 2024	NABL Validity : 19 March 2022			
Sample Type : Ambient Air	Sampling Done By: Netel (India) Limited			
Date of Sampling : 09.03.2021 — 11.03.2021	Analysis Date : 12.03.2021 — 15.03.2021			
Sample Received : 12.03.2021	Date of Reporting : 16.03.2021			
	Posult (ma/m³)			

Sr. No.	Location	Sample code	Unit	Result (mg/m³) Hydrogen Chloride	Method
1	NPK Raw Material Storage	NIL/AA/03/21/121		0.36	
2	NPK Production Unit	NIL/AA/03/21/122		0.23	
3	Near CFB Cooling Tower	NIL/AA/03/21/128	ma/m3	0.31	NIOSH 7903
4	Near Gate No-4	NIL/AA/03/21/129	mg/m³	0.23	MOSH 7903
5	Near IPA Gate	NIL/AA/03/21/137		0.19	
6	Near Gate No-2	NIL/AA/03/21/138		0.32	

Note: 1. \* Laboratory SOP, based on CPCB Guidelines Volumns I & II

- 2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 3. This Test Report refers only to the sample tested.

4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



ISO 9001:2015

www.tuv.com ID 910508299



# Annexure 1B: Work Zone Monitoring Reports



Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	Corporation Limite	ed.		
Addres	S	: Taloja F	lant Plot K-1	, MIDC Indu	strial Area, P	.O. Taloja Dist. F	Raigad 41	10208 Mal	narashtra
Custon	ners Reference				ted 24.07.20				
Date							ort on Date		
1	4.10.2020	16.10	.2020	16.10	).2020	19.10.202	20	20	.10.2020
Sample	Sample Type : Workplace (Air)   Sample Qty. & Pkg.: Filter Paper, Bladder & Plastic Bottles								
Locatio	on : G	5.T. No. 5			Sample Cod	de : NIL/A	A/10/20/	152	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	7	4.6	5000
2	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	2	28.2	13000
3	3 Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182	(Part-06)	µg/m³	4	2	23.9	9000
4	Carbon Monoxide	e (CO)	IS-5182	? (Part-10)	mg/m³	0.01	0	.88	55
1000000									

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone : 72080976 92 / 93 / 94 / 95 • Website : www.netel-india.com • E-mail : ems@netel-india.com Registered office : Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





				ILOII	ILI OILI				
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petr	ochemicals C	Corporation Limi	ted.		
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P	O. Taloja Dist.	Raigad 41	10208 Mah	narashtra
Custon	Customers Reference : Work Order no. 4800055893, Dated 24.07.2019								
Date of Sampling Sample Received Date Analysis Start Date Analysis Complete Date Report on Date								ort on Date	
14.10.2020     16.10.2020     16.10.2020     19.10.2020     20.10.2020									.10.2020
Sample	Sample Type : Workplace (Air)   Sample Qty. & Pkg.: Filter Paper, Bladder & Plastic Bottles								
Locatio	on : G	5.T. No. 1			Sample Co	de : NIL/	AA/10/20/	150	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	8	36.2	5000
2	Sulphur Dioxide (	(SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	3	32.5	13000
3	3 Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182	(Part-06)	µg/m³	4	2	25.3	9000
4	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	(	).76	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





Name o	of Organization	: M/s. Dee	epak Fertilise	ers And Petro	chemicals C	orporation Limite	ed.		
Addres	S	: Taloja P	lant Plot K-1	, MIDC Indust	trial Area, P	.O. Taloja Dist. F	Raigad 41	10208 Mah	narashtra
Custon	Customers Reference : Work Order no. 4800055893, Dated 24.07.2019								
Date of Sampling Sample Received Date Analysis Start Date Analysis Complete Date Report on Date							ort on Date		
1	4.10.2020	16.10	.2020	16.10.	2020	19.10.20	20	20.	10.2020
Sample Type : Workplace (Air) Sample Qty. & Pkg.: Filter Paper, Bladder & Plastic Bottles									
Locatio	on : G	5.T. No. 2		!	Sample Co	de : NIL/A	A/10/20/	151	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6	9.3	5000
2	Sulphur Dioxide (	(SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	2	21.4	13000
3	3 Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182	? (Part-06)	µg/m³	4	2	22.7	9000
4	Carbon Monoxide	e (CO)	IS-5182	? (Part-10)	mg/m³	0.01	0	).94	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.



				ILOII	ILI OILI				
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petr	ochemicals C	orporation Limite	ed.		
Addres	s	: Taloja P	lant Plot K-1	, MIDC Indu	strial Area, P.	.O. Taloja Dist. F	Raigad 41	0208 Mah	arashtra
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	ated 24.07.201	19			
Date	of Sampling	Sample Red	ceived Date	Analysis	Start Date	Analysis Con Date	nplete	Repo	rt on Date
3	0.11.2020	01.12	.2020	01.1	2.2020	04.12.20	20	04.	12.2020
Sample Type : Workplace (Air) Sam						. & Pkg.: Filter	Paper, B	ladder & F	Plastic Bottles
Locatio	n : G	6.T. No. 1			Sample Cod	de : NIL/A	A/11/20/	479	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	2 (Part-23)	µg/m³	10	8	6.0	5000
2			IS-5182	2 (Part-02)	µg/m³	6.5	2	9.2	13000
3	Oxides of Nitroge	en (NO <sub>X</sub> )	IS-5182	2 (Part-06)	µg/m³	4	2	5.8	9000
4	Carbon Monoxide	e (CO)	IS-5182	2 (Part-10)	mg/m³	0.01	0	.98	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere **Technical Manager** 

\*\*\*End of Report\*\*\*

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 · Website: www.netel-india.com · E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





Name o	of Organization	: M/s. De	epak Fertilise	ers And Petroo	chemicals C	orporation Limite	ed.		
Addres	S	: Taloja P	Plant Plot K-1	, MIDC Indust	rial Area, P.	O. Taloja Dist. R	aigad 41	0208 Mah	arashtra
Customers Reference : Work Order no. 4800055893, Dated 24.07.2019									
Date	of Sampling	Sample Red	ceived Date	Analysis S	Start Date Analysis Complete Repo			rt on Date	
3	0.11.2020	01.12	.2020	01.12.	2020	04.12.202	20	04.	12.2020
Sample	Type : W	Vorkplace (Ai	r)	(	Sample Qty	. & Pkg.: Filter	Paper, B	ladder & F	Plastic Bottles
Locatio	on : G	5.T. No. 2		(	Sample Cod	de : NIL/A	A/11/20/	480	
Sr. No.	Sr. No. Test Parameter Me			ethod	Unit	MDL*	Re	sults	OSHA Limits
1	1 Particulate Matter (PM <sub>10</sub> )		IS-5182	2 (Part-23)	µg/m³	10	6	6.4	5000
2	Sulphur Dioxide (	(SO <sub>2</sub> )	IS-5182	2 (Part-02)	µg/m³	6.5	2	1.3	13000

µg/m³

mg/m³

4

0.01

#### 4 Note:

3

1. \* MDL - Method Detectible Limit.

Oxides of Nitrogen (NO<sub>x</sub>)

Carbon Monoxide (CO)

- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

IS-5182 (Part-06)

IS-5182 (Part-10)

- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

9000

55

Shraddha Kere **Technical Manager** 

28.6

0.72

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228





Name of Organization : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited. Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra Customers Reference : Work Order no. 4800055893, Dated 24.07.2019 Analysis Complete Analysis Start Date **Date of Sampling** Sample Received Date Report on Date Date 30.12.2020 01.01.2021 01.01.2021 04.01.2021 05.01.2021

Sample Type: Workplace (Air)Sample Qty. & Pkg.: Filter Paper, Bladder & Plastic BottlesLocation: G.T. No. 1Sample Code: NIL/AA/12/20/433

Sr. No.	Test Parameter	Method	Unit	MDL*	Results	OSHA Limits
1	Particulate Matter (PM <sub>10</sub> )	IS-5182 (Part-23)	µg/m³	10	78.4	5000
2	Sulphur Dioxide (SO <sub>2</sub> )	IS-5182 (Part-02)	µg/m³	6.5	27.3	13000
3	Oxides of Nitrogen (NO <sub>X</sub> )	IS-5182 (Part-06)	µg/m³	4	26.1	9000
4	Carbon Monoxide (CO)	IS-5182 (Part-10)	mg/m³	0.01	0.90	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

cere

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





				ILOII	LLONI				
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petr	ochemicals C	orporation Limite	ed.		
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Mah	arashtra
Custon	ners Reference	: Work O	rder no. 4800	055893, Da	ited 24.07.20	19			
Date	of Sampling	Sample Re	ceived Date	Analysis Start Date		Analysis Con Date	nplete	Repo	rt on Date
3	0.12.2020	.2021	01.0	1.2021	04.01.20	21	05.	01.2021	
Sample	Sample Type : Workplace (Air)					. & Pkg.: Filter	Paper, B	ladder & F	Plastic Bottles
Locatio	on ; G	6.T. No. 2			Sample Cod	de : NIL/A	A/12/20/	434	
Sr. No.	Test Para	ımeter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	2 (Part-23)	µg/m³	10	7	3.4	5000
2	Sulphur Dioxide (SO <sub>2</sub> ) IS-518		IS-5182	2 (Part-02)	µg/m³	6.5	1	9.7	13000
3	Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182	2 (Part-06)	µg/m³	4	2	.6.1	9000
4	Carbon Monoxid	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	0	.76	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*







#### **TEST REPORT**

		12011	CEI OIVI						
Custom	ner Name ; M/s. Deepak Fei	tilisers And Petroche	emicals Corpora	ation Limited.					
Custom	ner Address : Taloja Plant Plot	K-1, MIDC Industria	l Area, P.O. Tal	oja Dist. Raigad	410208 Maharashtra				
Custom	ner Reference: Work Order no.	4800055893, Dated 2	24.07.2019						
MoEFC	C Validity : 16 October 2024		NABL Validity	; 19 Marc	h 2022				
Sample Type : Workplace (Air) Sample Qty. & : Filter Paper (1 nos), Bladder & 50ml									
Sampling Done By: Netel (India) Limited Packing Plastic Bottle (2 nos)									
Date of Sampling         : 28.01.2021         Analysis Date         : 30.01.2021 — 02.02.2021									
Sample	Received : 30.01.2021		Date of Repo	rting : 03.02.20	021				
Samplii	ng Location: G.T. No. 2		Sample Code	: NIL/AA/	01/21/367				
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method				
1	Particulate Matter (PM <sub>10</sub> )	65.8	µg/m³	5000	IS-5182 (Part-23)				
2	Sulphur Dioxide (SO <sub>2</sub> )	17.6	µg/m³	13000	IS-5182 (Part-02)				
3	Oxides of Nitrogen (NO <sub>x</sub> )	21.0	µg/m³	9000	IS-5182 (Part-06)				
4	Carbon Monoxide (CO)	1.07	mg/m³	55	IS-5182 (Part-10)				
	( Ti T : D : 1 II : 1				Commence of the second second				

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228









#### **TEST REPORT**

Custon	ner Name : M/s. Deepak Fer	rtilisers And Petroche	emicals Corpora	ation Limited.					
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industria	Area, P.O. Ta	loja Dist. Raigad	410208 Maharashtra				
Custon	ner Reference: Work Order no.	4800055893, Dated 2	24.07.2019						
MoEFC	C Validity : 16 October 2024		NABL Validity	/ : 19 Marc	h 2022				
Sample	Sample Type : Workplace (Air) Sample Qty. & : Filter Paper (1 nos), Bladder & 50ml								
Sampling Done By: Netel (India) Limited Packing Plastic Bottle (2 nos)									
Date of Sampling : 28.01.2021									
Sample	Received : 30.01.2021		Date of Repo	rting : 03.02.20	021				
Sampli	ng Location: G.T. No. 1		Sample Code	: NIL/AA/	01/21/366				
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method				
1	Particulate Matter (PM <sub>10</sub> )	73.2	µg/m³	5000	IS-5182 (Part-23)				
2	Sulphur Dioxide (SO₂)	22.3	µg/m³	13000	IS-5182 (Part-02)				
3	Oxides of Nitrogen (NO <sub>x</sub> )	26.1	µg/m³	9000	IS-5182 (Part-06)				
4	Carbon Monoxide (CO)	0.94	mg/m³	55	IS-5182 (Part-10)				
A1 4	4 TL: T ID II II II			7.07 (0.20)					

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228









				ILOII	ILFURI				
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petr	ochemicals C	orporation Limite	ed.		
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indu	ıstrial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Mah	narashtra
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	ated 24.07.201	9			
Date	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Con Date	nplete	Repo	rt on Date
3	0.12.2020	01.01	.2021	01.0	1.2021	04.01.20	21	oults OSHA Limits  0.6 5000  0.2 13000  0.7 9000	
Sample Type : Workplace (Air)						. & Pkg.: Filter	Paper, B	ladder & F	Plastic Bottles
Locatio	on : G	6.T. No. 5			Sample Coo	le : NIL/A	A/12/20/	435	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	8	1.6	5000
2	Sulphur Dioxide (SO <sub>2</sub> )		IS-5182	? (Part-02)	µg/m³	6.5	2	5.2	13000
3	Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182	? (Part-06)	µg/m³	4	2	8.7	9000
4	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	mg/m³	0.01	0	.81	55

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.







Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	chemicals C	orporation Limite	ed.		
Addres	S	: Taloja F	lant Plot K-1	, MIDC Indust	rial Area, P	.O. Taloja Dist. F	aigad 41	0208 Mah	arashtra
Custon	Customers Reference : Work Order no. 4800055893, Dated 24.07.2019								
Date of Sampling Sample Received Date Analysis Start Da						Analysis Con Date	nplete	Repo	rt on Date
3	0.11.2020	01.12	01.12.	2.2020 04.12.2020 04.12.2					
Sample	Type : V	Vorkplace (Ai	r)	(	Sample Qty	. & Pkg.: Filter	Paper, B	ladder & F	Plastic Bottles
Locatio	on : G	i.T. No. 5		!	Sample Co	de : NIL/A	A/11/20/	481	
Sr. No.	No. Test Parameter M		Me	ethod	Unit	MDL*	Re	sults	OSHA Limits
1	Particulate Matte	ter (PM <sub>10</sub> ) IS-5182 (Par		2 (Part-23)	µg/m³	10	7	7.1	5000
2			IS-5182	2 (Part-02)	µg/m³	6.5	3	1.3	13000

#### 4 Note:

3

1. \* MDL - Method Detectible Limit.

Oxides of Nitrogen (NO<sub>x</sub>)

Carbon Monoxide (CO)

- 2. \*\* BDL Below Detectible Limit.
- 3. Sampling done by Netel (India) Limited.
- 4. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

IS-5182 (Part-06)

IS-5182 (Part-10)

- 5. This Test Report refers only to the sample tested.
- 6. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Dy. Technical Manager

Issued by:

9000

55

Shraddha Kere **Technical Manager** 

34.8

1.03

\*\*\*End of Report\*\*\*

µg/m³

mg/m³

4

0.01



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





#### **TEST REPORT**

Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.							
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industria	l Area, P.O. Ta	loja Dist. Raigad 4	110208 Maharashtra			
Custon	ner Reference : Work Order no.	4800055893, Dated	24.07.2019					
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marcl	n 2022			
Sample	: Workplace (Air)		Sample Qty.	& : Filter Pa	per (1 nos), Bladder & 50ml			
Samplii	ng Done By: Netel (India) Limite	ed	Packing	Packing Plastic Bottle (2 nos)				
Date of Sampling : 28.01.2021			Analysis Date : 30.01.2021 — 02.02.2021					
Sample	Received : 30.01.2021		Date of Reporting : 03.02.2021					
Samplii	ng Location; G.T. No. 5		Sample Code	: NIL/AA/0	01/21/368			
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method			
1	Particulate Matter (PM <sub>10</sub> )	67.6	µg/m³	5000	IS-5182 (Part-23)			
2	Sulphur Dioxide (SO <sub>2</sub> )	21.9	µg/m³	13000	IS-5182 (Part-02)			
3	Oxides of Nitrogen (NO <sub>x</sub> )	25.9	µg/m³	μg/m³ 9000 IS-5182 (Part-06)				
4	Carbon Monoxide (CO)	1.15	mg/m³	55	IS-5182 (Part-10)			

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228









#### **TEST REPORT**

	ILOTI	LI OILI					
Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.							
er Address : Taloja Plant Plot	K-1, MIDC Industria	l Area, P.O. Tal	oja Dist. Raigad	410208 Maharashtra			
Customer Reference: Work Order no. 4800055893, Dated 24.07.2019							
MoEFCC Validity : 16 October 2024 NABL Validity : 19 March 2022							
Sample Type : Workplace (Air) Sample Qty. & : Filter Paper (1 nos), Bladder & 50ml							
ng Done By: Netel (India) Limite	ed	Packing Plastic Bottle (2 nos)					
Sampling : 25.02.2021		Analysis Date : 27.02.2021 — 02.03.2021					
Received : 27.02.2021		Date of Reporting : 03.03.2021					
ng Location: G.T. No. 1		Sample Code	: NIL/AA/	02/21/267			
Test Parameter	Result	Unit	OSHA Limit	Method			
Particulate Matter (PM <sub>10</sub> )	51.7	µg/m³	5000	IS-5182 (Part-23)			
2 Sulphur Dioxide (SO <sub>2</sub> ) 26.8		µg/m³	13000	IS-5182 (Part-02)			
Oxides of Nitrogen (NO <sub>x</sub> )	27.5	μg/m³ 9000 IS-5182 (Part-06)					
Carbon Monoxide (CO)	1.03	mg/m³	55	IS-5182 (Part-10)			
	rer Address : Taloja Plant Plot rer Reference : Work Order no. 4  C Validity : 16 October 2024  Type : Workplace (Air) reg Done By : Netel (India) Limite Sampling : 25.02.2021  Received : 27.02.2021  reg Location : G.T. No. 1  Test Parameter  Particulate Matter (PM <sub>10</sub> )  Sulphur Dioxide (SO <sub>2</sub> )  Oxides of Nitrogen (NO <sub>x</sub> )	er Name : M/s. Deepak Fertilisers And Petroche ler Address : Taloja Plant Plot K-1, MIDC Industria ler Reference : Work Order no. 4800055893, Dated 2  C Validity : 16 October 2024  Type : Workplace (Air) leg Done By : Netel (India) Limited  Sampling : 25.02.2021  Received : 27.02.2021  Ing Location : G.T. No. 1  Test Parameter Result  Particulate Matter (PM <sub>10</sub> ) 51.7  Sulphur Dioxide (SO <sub>2</sub> ) 26.8  Oxides of Nitrogen (NO <sub>x</sub> ) 27.5	rer Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taler Reference : Work Order no. 4800055893, Dated 24.07.2019  C Validity : 16 October 2024  Type : Workplace (Air)  In Bone By : Netel (India) Limited  Sample Qty. 8 Packing  Sampling : 25.02.2021  Received : 27.02.2021  Received : 27.02.2021  Test Parameter  Result  Particulate Matter (PM10)  Sulphur Dioxide (SO2)  Oxides of Nitrogen (NOx)  Particulate Matter (NOx)	rer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.  Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad Petrochemicals Corporation Limited.  Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad Petrochemicals Corporation Limited.  Ter Reference: Work Order no. 4800055893, Dated 24.07.2019  Type: Workplace (Air)  Type: Packing  Packing  Plastic Experiments  Packing  Plastic Experiments  Test Parameter: Parameter Result  Particulate Matter (PM₁o)  Test Parameter Result  Test Parameter Result  Type  Typ			

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







#### **TEST REPORT**

Custon	Customer Name ; M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industria	l Area, P.O. Tal	loja Dist. Raigad	410208 Maharashtra		
Custon	Customer Reference: Work Order no. 4800055893, Dated 24.07.2019						
MoEFC	C Validity : 16 October 2024		NABL Validity	y : 19 Marc	h 2022		
Sample	: Workplace (Air)		Sample Qty. 8	🗴 : Filter Pa	per (1 nos), Bladder & 50ml		
Sampli	ng Done By: Netel (India) Limite	ed	Packing	Packing Plastic Bottle (2 nos)			
Date of	Sampling : 10.03.2021		Analysis Date : 12.03.2021 — 15.03.2021				
Sample	Received : 12.03.2021		Date of Reporting : 16.03.2021				
Sampli	ng Location: G.T. No. 2		Sample Code : NIL/AA/03/21/131				
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	75.4	µg/m³	5000	IS-5182 (Part-23)		
2	Sulphur Dioxide (SO <sub>2</sub> )	19.0	µg/m³	13000	IS-5182 (Part-02)		
3	Oxides of Nitrogen (NO <sub>x</sub> )	23.0	μg/m³ 9000 IS-5182 (Part-06)				
4	Carbon Monoxide (CO)	0.88	mg/m³	55	IS-5182 (Part-10)		

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228







#### **TEST REPORT**

Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industria	al Area, P.O. Ta	loja Dist. Raigad 4	410208 Maharashtra	
Custon	ner Reference : Work Order no.	4800055893, Dated	24.07.2019			
MoEFC	C Validity : 16 October 2024		NABL Validit	y : 19 Marcl	h 2022	
Sample	: Workplace (Air)		Sample Qty.	& : Filter Pa	per (1 nos), Bladder & 50ml	
Sampling Done By: Netel (India) Limited Packing Plastic Bottle (2 nos)						
Date of	Sampling : 10.03.2021		Analysis Date : 12.03.2021 — 15.03.2021			
Sample	Received : 12.03.2021		Date of Reporting : 16.03.2021			
Sampli	ng Location; G.T. No. 5		Sample Code	: NIL/AA/0	03/21/132	
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method	
1	Particulate Matter (PM <sub>10</sub> )	74.0	µg/m³	5000	IS-5182 (Part-23)	
2	2 Sulphur Dioxide (SO <sub>2</sub> ) 27.7 μg/m³				IS-5182 (Part-02)	
3	Oxides of Nitrogen (NO <sub>x</sub> )	27.3	µg/m³ 9000 IS-5182 (Part-06)			
4	Carbon Monoxide (CO)	0.99	mg/m³	55	IS-5182 (Part-10)	

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228









#### **TEST REPORT**

		12011	LI VIVI				
Custon	Customer Name : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.						
Custon	ner Address : Taloja Plant Plot	K-1, MIDC Industria	l Area, P.O. Tal	oja Dist. Raigad	410208 Maharashtra		
Custon	ner Reference: Work Order no.	4800055893, Dated 2	24.07.2019				
MoEFC	MoEFCC Validity : 16 October 2024 NABL Validity : 19 March 2022						
Sample	Sample Type : Workplace (Air) Sample Qty. & : Filter Paper (1 nos), Bladder & 50ml						
Sampli	ng Done By: Netel (India) Limite	ed	Packing	Packing Plastic Bottle (2 nos)			
Date of	Date of Sampling : 10.03.2021			Analysis Date : 12.03.2021 — 15.03.2021			
Sample	Received : 12.03.2021		Date of Reporting : 16.03.2021				
Sampli	ng Location; G.T. No. 1		Sample Code : NIL/AA/03/21/130				
Sr. No.	Test Parameter	Result	Unit	OSHA Limit	Method		
1	Particulate Matter (PM <sub>10</sub> )	77.0	µg/m³	5000	IS-5182 (Part-23)		
2	2 Sulphur Dioxide (SO <sub>2</sub> ) 20.1			13000	IS-5182 (Part-02)		
3	Oxides of Nitrogen (NO <sub>x</sub> )	24.7	µg/m³	μg/m³ 9000 IS-5182 (Part-06)			
4	Carbon Monoxide (CO)	0.88	mg/m³	55	IS-5182 (Part-10)		

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228





# Annexure 2: Ground Water Monitoring Reports



Customer Name		Mrs. Deepak Fertilisers And Fetrochemicals Corporation Limited.
Customer Address	:	Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra
Customer Reference	:	Work Order no. 4800055893. Dated 24.07.2019

: M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.

**Customer Name** 

Sample Type : Water Sampling done by : Netel (India) Limited

Sample Container : Plastic can Sample Quantity : 2 Litres Date of Sampling : 27.11.2020 : 30.11.2020 — 03.12.2020 Analysis Date

Sample Received: 30.11.2020 Date of Reporting: 04.12.2020 Sampling Location: G.W. (Near ETP) Sample Code : NII /W/11/20/140

Sr. No.         Test Parameter         Result         Unit         Specification as per IS 10500;2012         Method           1         Temperature         26.4         °C	Sampii	ng Location : G.W. (Near ETP)		Sample Code : NIL/W/11/20/140			
2         Colour         9.9         Hazen         15         IS 3025 (Part 4)           3         Odour         Agreeable         -         Agreeable         APHA 2150-A           4         pH         6.94         -         6.0 - 8.5         IS 3025 (Part 11)           5         Electrical Conductivity         4.665         mS/cm          IS 3025 (Part 14)           6         Total Dissolved Solids         586         mg/lit         2000         IS 3025 (Part 16)           7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-CI           9         Sulphate         6.2         mg/lit         1         APHA 4500-F-D           10         Fluoride         40.2         mg/lit         45         IS 3025 (Part 34)           11         Nitrate         6.5         mg/lit          IS 3025 (Part 34)           12         Nitrite         2.4         mg/lit          IS 3025 (Part 34)           13         Phosphate (Phosphorus)	Sr. No.	Test Parameter	Result			Method	
3         Odour         Agreeable         -         Agreeable         APHA 2150-A           4         pH         6.94         -         6.0 - 8.5         IS 3025 (Part 11)           5         Electrical Conductivity         4.665         mS/cm          IS 3025 (Part 14)           6         Total Dissolved Solids         586         mg/lit         2000         IS 3025 (Part 16)           7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	1	Temperature	26.4	°C		APHA 2550-B	
4         pH         6.94         -         6.0 - 8.5         IS 3025 (Part 11)           5         Electrical Conductivity         4.665         mS/cm          IS 3025 (Part 14)           6         Total Dissolved Solids         586         mg/lit         2000         IS 3025 (Part 16)           7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-CI           9         Sulphate         52.9         mg/lit         1         APHA 4500-F-D           10         Fluoride         <0.2	2	Colour	9.9	Hazen	15	IS 3025 (Part 4)	
5         Electrical Conductivity         4.665         mS/cm          IS 3025 (Part 14)           6         Total Dissolved Solids         586         mg/lit         2000         IS 3025 (Part 16)           7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	3	Odour	Agreeable	-	Agreeable	APHA 2150-A	
6         Total Dissolved Solids         586         mg/lit         2000         IS 3025 (Part 16)           7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	4	рН	6.94	-	6.0 - 8.5	IS 3025 (Part 11)	
7         COD         28         mg/lit         250         IS 3025 (Part 58)           8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	5	Electrical Conductivity	4.665	mS/cm		IS 3025 (Part 14)	
8         Chloride         41.7         mg/lit         250         APHA 4500-CI           9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	6	Total Dissolved Solids	586	mg/lit	2000	IS 3025 (Part 16)	
9         Sulphate         52.9         mg/lit         200         APHA 4500-SO4-E           10         Fluoride         <0.2	7	COD	28	mg/lit	250	IS 3025 (Part 58)	
10   Fluoride	8	Chloride	41.7	mg/lit	250	APHA 4500-CI	
11         Nitrate         6.5         mg/lit         45         IS 3025 (Part 34)           12         Nitrite         2.4         mg/lit          IS 3025 (Part 34)           13         Phosphate (Phosphorus)         <1.0	9	Sulphate	52.9	mg/lit	200	APHA 4500-SO4-E	
12   Nitrite   2.4   mg/lit     IS 3025 (Part 34)     13   Phosphate (Phosphorus)   <1.0   mg/lit     APHA 4500-P-C     14   Sodium   97.4   mg/lit     IS 3025 (Part 45)     15   Potassium   6.1   mg/lit     IS 3025 (Part 45)     16   Iron   <0.1   mg/lit   0.3   APHA 3111-B     17   Magnesium   101.4   mg/lit   30   IS 3025 (Part 21 & 40)     18   Manganese   BDL   mg/lit   0.1   APHA 3111-B     19   Mercury   BDL   mg/lit   0.001   APHA 3112-B (by FIAS)     20   Cadmium   BDL   mg/lit   0.003   APHA 3111-B     21   Selenium   BDL   mg/lit   0.01   APHA 3111-B     22   Arsenic   BDL   mg/lit   0.01   APHA 3111-B     23   Lead   BDL   mg/lit   0.01   APHA 3111-B     24   Silver   BDL   mg/lit   0.01   APHA 3111-B     25   Zinc   BDL   mg/lit   5   APHA 3111-B     26   Nickel   BDL   mg/lit   0.02   APHA 3111-B     27   Aluminium   BDL   mg/lit   0.03   APHA 3111-B     28   Copper   BDL   mg/lit   0.05   APHA 3111-B     29   APHA 3111-B   APHA 3111-B     20   APHA 3111-B   APHA 3111-B     20   APHA 3111-B   APHA 3111-B     21   APHA 3111-B   APHA 3111-B     22   APHA 3111-B   APHA 3111-B     23   APHA 3111-B   APHA 3111-B     24   APHA 3111-B   APHA 3111-B     25   APHA 3111-B   APHA 3111-B     26   APHA 3111-B     27   APHA 3111-B     28   Copper   BDL   mg/lit   0.05   APHA 3111-B     29   APHA 3111-B     20   APHA 3111-B     21   APHA 3111-B     22   APHA 3111-B     23   APHA 3111-B     30   APHA 3111-B     31   AP	10	Fluoride	<0.2	mg/lit	1	APHA 4500-F-D	
13	11	Nitrate	6.5	mg/lit	45	IS 3025 (Part 34)	
14         Sodium         97.4         mg/lit          IS 3025 (Part 45)           15         Potassium         6.1         mg/lit          IS 3025 (Part 45)           16         Iron         <0.1	12	Nitrite	2.4	mg/lit		IS 3025 (Part 34)	
15         Potassium         6.1         mg/lit          IS 3025 (Part 45)           16         Iron         <0.1	13	Phosphate (Phosphorus)	<1.0	mg/lit		APHA 4500-P-C	
16         Iron         <0.1         mg/lit         0.3         APHA 3111-B           17         Magnesium         101.4         mg/lit         30         IS 3025 (Part 21 & 40)           18         Manganese         BDL         mg/lit         0.1         APHA 3111-B           19         Mercury         BDL         mg/lit         0.001         APHA 3112-B (by FIAS)           20         Cadmium         BDL         mg/lit         0.003         APHA 3111-B           21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3111-B           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit	14	Sodium	97.4	mg/lit		IS 3025 (Part 45)	
17         Magnesium         101.4         mg/lit         30         IS 3025 (Part 21 & 40)           18         Manganese         BDL         mg/lit         0.1         APHA 3111-B           19         Mercury         BDL         mg/lit         0.001         APHA 3112-B (by FIAS)           20         Cadmium         BDL         mg/lit         0.003         APHA 3111-B           21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3111-B           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	15	Potassium	6.1	mg/lit		IS 3025 (Part 45)	
18         Manganese         BDL         mg/lit         0.1         APHA 3111-B           19         Mercury         BDL         mg/lit         0.001         APHA 3112-B (by FIAS)           20         Cadmium         BDL         mg/lit         0.003         APHA 3111-B           21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3111-B           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	16	Iron	<0.1	mg/lit	0.3	APHA 3111-B	
19         Mercury         BDL         mg/lit         0.001         APHA 3112-B (by FIAS)           20         Cadmium         BDL         mg/lit         0.003         APHA 3111-B           21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3111-B           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	17	Magnesium	101.4	mg/lit	30	IS 3025 (Part 21 & 40)	
20         Cadmium         BDL         mg/lit         0.003         APHA 3111-B           21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3114-C           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	18	Manganese	BDL	mg/lit	0.1	APHA 3111-B	
21         Selenium         BDL         mg/lit         0.01         APHA 3111-B           22         Arsenic         BDL         mg/lit         0.01         APHA 3114-C           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	19	Mercury	BDL	mg/lit	0.001	APHA 3112-B (by FIAS)	
22         Arsenic         BDL         mg/lit         0.01         APHA 3114-C           23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	20	Cadmium	BDL	mg/lit	0.003	APHA 3111-B	
23         Lead         BDL         mg/lit         0.01         APHA 3111-B           24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	21	Selenium	BDL	mg/lit	0.01	APHA 3111-B	
24         Silver         BDL         mg/lit         0.1         APHA 3111-B           25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	22	Arsenic	BDL	mg/lit	0.01	APHA 3114-C	
25         Zinc         BDL         mg/lit         5         APHA 3111-B           26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	23	Lead	BDL	mg/lit	0.01	APHA 3111-B	
26         Nickel         BDL         mg/lit         0.02         APHA 3111-B           27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	24	Silver	BDL	mg/lit	0.1	APHA 3111-B	
27         Aluminium         BDL         mg/lit         0.03         APHA 3111-B           28         Copper         BDL         mg/lit         0.05         APHA 3111-B	25	Zinc	BDL	mg/lit	5	APHA 3111-B	
28         Copper         BDL         mg/lit         0.05         APHA 3111-B		Nickel	BDL	mg/lit	0.02	APHA 3111-B	
11		Aluminium	BDL	mg/lit	0.03	APHA 3111-B	
29 Molybdenum BDL mg/lit 0.07 APHA 3111-B	28	Copper	BDL	mg/lit	0.05	APHA 3111-B	
	29	Molybdenum	BDL	mg/lit	0.07	APHA 3111-B	

A Neterwala Group Company

CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701. Phone: 72080976 92 / 93 / 94 / 95 · Website: www.netel-india.com · E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.

Samplii	Sampling Location: G.W. (Near ETP)			Sample Code : NIL/W/11/20/140		
Sr. No.	Test Parameter	Fest Parameter Result		Specification as per IS 10500:2012	Method	
30	Boron	BDL	mg/lit	0.5	APHA 4500-B	
31	Total Chromium (as Cr)	BDL	mg/lit	0.05	APHA 3111-B	
32	Hexavalent Chromium (Cr6+)	BDL	mg/lit		APHA 3500-Cr-B	
33	Cobalt	BDL	mg/lit		APHA 3111-B	
34	Calcium	35	mg/lit	75	IS 3025 (Part 40)	
35	Carbonate	BDL	mg/lit		IS 3025 (Part 23)	
36	Bicarbonate	101.2	mg/lit		IS 3025 (Part 23)	
37	Total Coliform	Absent	MPN/100ml	Absent	IS 1622 : 1981	
38	Faecal Coliform	Absent		Absent	IS 1622 : 1981	

Note: 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

2. This Test Report refers only to the sample tested.

3. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*









# Annexure 3: Ambient Noise Monitoring Reports



	IESI	KEPUKI			
Name of Org	anization : M/s. Deepak Fertilisers And P	etrochemicals Corpo	oration Limited.		
Address	: Taloja Plant Plot K-1, MIDC Ir	ndustrial Area, P.O. 7	Taloja Dist. Raig	ad 410208 Maha	arashtra
Customers F	Reference: Work Order no. 4800055893,	Dated 24.07.2019			
Instrument Model : Lutron SL-4033-SD (Class 1) Instrument Serial No.: Q640780					
Date of Sampling : 14.10.2020 Date of Calibration : 26.02.2020					
Date of Repo	orting : 16.10.2020	Next Calibration	n Due: 25.02.2	2021	
		Leg (dBA)			
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit
1	Main Gate	67.6	75	68.1	70
2	NPK Gate No. 4	53.5	75	51.9	70
3	NPK Raw Material Storage Area	69.9	75	68.2	70
4	NPK Production Unit	59.4	75	58.8	70
5	Near IPA Gate	66.1	75	66.1	70
6	Near CFB Cooling Tower	73.0	75	69.2	70
7	Ammonia Unloading	61.6	75	59.9	70
8	K-6 Plot (Near Main Gate)	67.4	75	65.9	70

#### Note:

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





#### NOISE LEVEL MONITORING REPORT

Name of Organization : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited. Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra Customers Reference : Work Order no. 4800055893, Dated 24.07.2019 Instrument Model : Lutron SL-4033-SD (Class 1) Instrument Serial No.: Q640792 Date of Sampling : 26.11.2020 Date of Calibration : 26.02.2020 Date of Reporting : 30.11.2020 Next Calibration Due: 25.02.2021 Leg (dBA) Sr. No. Location MPCB MPCB Day Night Limit Limit Main Gate 66.4 75 65.6 70 2 NPK Gate No. 4 55.6 75 54.3 70 3 NPK Raw Material Storage Area 67.5 75 65.7 70 4 **NPK Production Unit** 75 53.5 54.0 70

8 Note:

5

6

7

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Sure cha Jamdar

Dy. Technical Manager

Near IPA Gate

Near CFB Cooling Tower

K-6 Plot (Near Main Gate)

Ammonia Unloading

Issued by:

Shraddha Kere Technical Manager

63.1

68.2

60.9

68.2

70

70

70

70

75

75

75

75

63.6

73.3

61.2

68.8

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.





### NOISE LEVEL MONITORING REPORT

Name of Organization : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.					
Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra					
Customers Reference	: Work Order no. 4800055893, Da	ted 24.07.2019			
Instrument Model : Lutron SL-4033-SD (Class 1) Instrument Serial No.: Q640792					

	Location	Leq (dBA)				
Sr. No.		Day	MPCB Limit	Night	MPCB Limit	
1	Main Gate	66.7	75	65.6	70	
2	NPK Gate No. 4	54.8	75	53.7	70	
3	NPK Raw Material Storage Area	69.8	75	68.8	70	
4	NPK Production Unit	61.1	75	61.1	70	
5	Near IPA Gate	63.4	75	63.3	70	
6	Near CFB Cooling Tower	71.7	75	69.6	70	
7	Ammonia Unloading	57.8	75	56.8	70	
8	K-6 Plot (Near Main Gate)	69.1	75	67.9	70	

#### Note:

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere Technical Manager

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com





## NOISE LEVEL MONITORING REPORT

	NOISE LEVEL IVIO	UNITORING	REPORT				
Customer Na	ame : M/s. Deepak Fertilisers And Petrod	chemicals Corporation	on Limited.				
Customer Ad	ddress : Taloja Plant Plot K-1, MIDC Indust	rial Area, P.O. Taloj	a Dist. Raigad 4	10208 Maharas	ntra		
Customer Re	eference: Work Order no. 4800055893, Date	ed 24.07.2019					
Instrument M	Model: Lutron SL-4033-SD (Class 1)	Instrument Ser	Instrument Serial No.: Q640792				
Date of Sam	pling : 30.01.2021	Date of Calibra	tion : 26.02.2	2020			
Date of Repo	orting : 02.02.2021	Next Calibration	Next Calibration Due: 25.02.2021				
	8 8		Leq (dBA)				
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit		
1	Main Gate	67.9	75	66.4	70		
2	2 NPK Gate No. 4		75	54.0	70		
3	3 NPK Raw Material Storage Area		75	68.7	70		
4	4 NPK Production Unit		75	56.3	70		
5	Near IPA Gate	62.9	75	62.3	70		
6	Near CFB Cooling Tower	69.7	75	68.8	70		
7	Ammonia Unloading	61.9	75	61.1	70		
8 K-6 Plot (Near Main Gate)		71.4	75	70.0	70		

#### Note:

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*



CIN: U74999MH2003PLC142228

Office & Laboratory: W-408, Rabale MIDC, TTC Industrial Area, Navi Mumbai - 400 701.

Phone: 72080976 92 / 93 / 94 / 95 • Website: www.netel-india.com • E-mail: ems@netel-india.com

Registered office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020.





# **Netel (India) Limited**

## NOISE LEVEL MONITORING REPORT

110101 11111 111111 111111 111111 111111						
Customer Na	me : M/s. Deepak Fertilisers And Petroche	emicals Corporation	Limited.			
Customer Ad	dress : Taloja Plant Plot K-1, MIDC Industria	Area, P.O. Taloja Dist. Raigad 410208 Maharashtra				
Customer Re	Customer Reference: Work Order no. 4800055893, Dated 24.07.2019					
Instrument M	odel : Lutron SL-4033-SD (Class 1)	Instrument Seria	No.: Q640	774		
Date of Samp	oling : 25.02.2021	Date of Calibration : 25.09.2020				
Date of Repo	rting : 01.03.2021	Next Calibration Due: 24.09.2021				
		Leq (dBA)				
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit	
1	Main Gate	68.8	75	67.8	70	
2	2 NPK Gate No. 4		75	51.6	70	
3	NPK Raw Material Storage Area	70.2	75	68.5	70	
4 NPK Production Unit		58.4	75	57.0	70	
5 Near IPA Gate		66.5	75	65.0	70	
6	6 Near CFB Cooling Tower		75	68.3	70	
7 Ammonia Unloading		58.9	75	57.1	70	
8 K-6 Plot (Near Main Gate)		72.1	75	66.5	70	

#### Note:

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



Regd. office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020. Tel.: 22066231 / 61





## **Netel (India) Limited**

### NOISE LEVEL MONITORING REPORT

**Customer Name** : M/s. Deepak Fertilisers And Petrochemicals Corporation Limited.

**Customer Address** : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra

Customer Reference: Work Order no. 4800055893, Dated 24.07.2019

Instrument Model : Lutron SL-4033-SD (Class 1) Instrument Serial No.: Q640774

**Date of Sampling** : 11.03.2021 Date of Calibration : 25.09.2020

Date of Reporting : 15.03.2021 Next Calibration Due: 24.09.2021

- Carried Control of the Control of			•			
			Leq (dBA)			
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit	
1	Main Gate	66.1	75	65.0	70	
2	NPK Gate No. 4	52.9	75	53.3	70	
3	NPK Raw Material Storage Area	67.4	75	67.0	70	
4	NPK Production Unit	61.7	75	60.0	70	
5	Near IPA Gate	62.7	75	61.8	70	
6	Near CFB Cooling Tower	67.1	75	63.2	70	
7	Ammonia Unloading	60.4	75	58.6	70	
8	K-6 Plot (Near Main Gate)	68.6	75	67.2	70	

#### Note:

- 1. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 2. This Test Report refers only to the sample tested.
- 3. The Complaint Register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Issued by:

Surekha Jamdar

Dy. Technical Manager

Shraddha Kere

**Technical Manager** 

\*\*\*End of Report\*\*\*

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area. NAVI MUMBAI - 400 701. INDIA.

Tel.: 72080976 92 / 93 / 94 / 95

E-mail: sales@netel-india.com Website: www.netel-india.com

CIN: U74999MH2003PLC142228



Regd. office: Liberty Building, 3rd Floor, Sir Vithaldas Thackersey Marg, (New Marine Lines), Mumbai - 400 020. Tel.: 22066231 / 61



# **Annexure 4: Mock Drill Reports**



Doc Name: MOCK DRILL REPORT

Doc Code: SAF-F-07

Issue No: 01

Rev No: 01

		n-site Emergency Mo	ock ariii		
1	Date of Incident:	08.12.2020			
2	Time of Incident:	Start time 12:39 hrs. All clear time 13.25 hrs.			
3	Location of	Natural gas pipeline, 10" s			
	Emergency:	station area, Ammonia Pla			
4	Type of Emergency:	Natural gas leakage through 10" above ground STL- GAS pipeline due to pin hole in the line at Gas Receiving station, Ammonia Plant			
5		Observer involved in Mocl	k drill:		
	Role	Name	Location		
		am at Ammonia control ro	om:		
	Chief Incident Controller	Mr. Navin Shrivastava	Emergency control Center		
	Ammonia Control room In-charge	Mr. Vaibhav Dhumal	Ammonia control room		
	Emergency Control Te	eam at Site:	1		
	Site Incident controller	Mr. Sanjay Landge	Incident Site		
	Emergency Controlling Team	Anil Kadam (Safety Team Leader)	Incident Site		
		Mr. Rakesh Mhatre (Fire Team Leader)	Incident Site		
		Mr. Vaibhav Dhumal (Process Team Leader)	Incident Site		
		Mr. Sameer Patil (Mechanical Team leader)	Incident Site		
		Mr. S. Sabat (Security Team Leader)	ECC		
		Mr. Shankar Thale (Fire Officer)	Incident Site		
	Chief communicating officer	Mr. Sanjay Landge	Incident Site		
	OBSERVERS:				
	Observer	Mr. Bhumesh Barapatre (Observer from CIL)	Incident Site		
	Observer	Mr. Pradip Tandel (Observer from DFPCL-K1)	Incident Site		
	Observer	Mr. Sathish Iyengar (Observer from CIL)	ECC		
	Observer	Mr. S K Patil (Observer from STL-K1)	Ammonia control room		



Doc Name: MOCK DRILL REPORT

Doc Code: SAF-F-07

Issue No: 01 Rev No: 01

Time	Brief description of action, activity or comment related to exercise
12.40	Information received from primary observer to Emergency control centre through Manual call point.
12.40	At ECC & Ammonia C/R: Information given by Mr. K K Das of M/s Vijay Tank about suspected Natural gas leakage through 10" aboveground Pipeline at NG receiving station to ECC & ammonia Control R by operating nearest Manual Call Point.
12.41	Immediately Fire crew rushed towards the site by activating Emergency alert switch.
12.41	Security officer Mr. Vijay Kamble taken the charge of Emerge Control Center.
12.42	Mr. Vijay Kamble given information about the incident to Mr. Mishra (AVP-Gr. I), Mr. Navin Srivastava (Mech main Head), N. Marker (H.B. Head), Mr. D. Agarwal, AVP. Tashpisal Services of
	J. Katkar (HR Head), Mr. R. Agarwal, AVP-Technical Services a Mr. Deepak Pande (Head-EHS).
12.45	Mr. Navin Srivastav (Chief Incident Controller) & Mr. Deepak Pande (Head-EHS) reached at Emergency control centre
12.45	Information given from Ammonia control room to Mr. Samee Patil, Mech Maintenance-In-Charge, to keep the equipment re
12.46	Information given from Ammonia control room to Mr. Sandee Mokashi, Electrical dept.
12.47	At Ammonia CR, Mr. R Madane, Panel-In-charge, was monitoring the pipeline parameters
12.43	AT INCIDENT SITE:  Emergency team comprising of Mr. Sanjay Landge (Site Incident controller), Mr. Shankar Thale (Fire S/I), Mr. Anil
	Kadam (safety), & Mr. Vaibhav Dhumal (Process Lead) reach at incident location with crosswind direction. Performed gas testing by LEL meter while approaching towards GRS. The LE noted 20% in the area of 15 Meter.
12.43	AT INCIDENT SITE:  DFPCL Fire tender and ambulance reached at site. 50 Meter zone from leak source as per wind direction barricaded.
12.44	AT INCIDENT SITE: Local evacuation done at incident site considering the wind direction from Nearby Ammonia Tank area, Ammonia Tanker

12.44	AT INCIDENT SITE:  Mayura curtain / Water spray branch use to disperse & contain the gas. Checked for any casualty. No any casualty found at incident site.
12:48	AT INCIDENT SITE: SIC informed ammonia control room for isolation of NG line upstream valve.
12:50	AT INCIDENT SITE: Continuous monitoring of leaky NG pipeline parameters continued.
12.50	AT INCIDENT SITE: Informed to Mr. Jadhav, Sr. Manager Elec. Main, to de-energise the cathodic protection.
12.50	AT INCIDENT SITE: Emergency alert siren sounded as per the instruction of SIC.
12.51	AT INCIDENT SITE:  Ammonia control room instructed process operator for closure of NG gas line leak source upstream isolation valve.
12.51	AT INCIDENT SITE:  Switch over activity started (APM Natural Gas → RLNG)
12.56	AT INCIDENT SITE:  NG gas line leak source upstream isolation valve isolated by Ammonia process person & informed to Ammonia C/R
12.57	At ECC:
	Information given to Local MIDC Fire station & requested for Fire tender for emergency mitigation.
12.58	At ECC: Information provided to ONGC-Uran, & MARG members.
12.59	AT INCIDENT SITE: After NG line Valve isolation, isolated portion flaring started.
12.59	AT INCIDENT SITE: Line Depressurization started at by ammonia control room. The initial pressure was 30 Kg/cm2
13.00	AT INCIDENT SITE: The Fireman wearing the Inherently Fire-retardant suit progressed to identify the leak source keeping watch on
	LEL reading. The leak point identified, it was pin hole leak and the LEL reading noted around leak point was 30% LEL.
	Intimated Maintenance team for leak arresting
13:01	Taloja MIDC fire brigade reached at site.
13.05	AT INCIDENT SITE: The LEL reading noted around leak point was 10 % LEL.
13.06	AT INCIDENT SITE:  MARG representative reported at Incident site.
13.07	AT INCIDENT SITE: The LEL reading noted around leak point was 05 % LEL
13.08	AT INCIDENT SITE: The NG line pressure reduced to 1 Kg/cm2

13.10	AT INCIDENT SITE: The LEL reading noted around leak point was 0 % LEL
13.11	AT INCIDENT SITE:  Mechanical team arrived at leak point and started their clamping work with non-sparking tools.
13.14	AT INCIDENT SITE:  One technician felt giddiness during clamping activity. After first aid, Casualty immediately shifted to OHC for further treatment with the help of Ambulance. Ambulance was available at incident site which came as a part of emergency call.
13.15	AT INCIDENT SITE: Clamping activity complete.
13.16	AT INCIDENT SITE:  After getting clearance from Process In charge, Mr. Landge, SIC unformed to ammonia control room about the arresting of leak and asked to open the NG line valve for line pressurisation.
13.18	AT INCIDENT SITE: Gradually increased the pressure up to 16 Kg/cm2 and found no leak on the line.
13.20	AT INCIDENT SITE: Slowly Line pressurisation started by process person by NG line valve opening which was previously isolated in coordination
	with control room.
13.22	AT INCIDENT SITE:  30 Kg/cm2 pressure reached in line and tested for LEL. Found zero LEL.
13.23	AT INCIDENT SITE:  Mr. Landge gave signal to Ammonia CR to change over to RLNG → APM Natural Gas.
13.23	AT INCIDENT SITE: Cathodic protection normalises by Mr. Ramdas, Electrical In charge.
13.25	AT INCIDENT SITE:  Line pressure increased to 30 Kg/cm2 which is normal pressure.  LEL checked around the clamped leak point. No leak observed.  LEL reading was nil.
13.25	AT INCIDENT SITE: All clear given jointly by Site Emergency Controller and Chief Emergency Controller.
13.25	AT INCIDENT SITE: Head couniting done at site.
13.25	AT INCIDENT SITE: Emergency was under control and situation was normalised declared at control room.

S.N.	Observation	Responsibility	Dept
1	All the Emergency responders performed their roles as per ERDMP and within timelines.	For Info	
2	For leak checking of the pipeline after clamping, additional to the Gas detector – soap solution to be kept with	Sameer Patil	Mech Maint
3	Awareness to the gate security personnel about the chemical leak emergencies	Security	security
4	Fire hydrant network, fire tender (DFPCL & mutual aid partners) pressure not monitored and communicated to ECC during entire mock drill	Fire officers	EHS
5	ECC occupied with firefighting team and panel sitting arrangement of emergency coordinators – CIC, Admin coordinator, HSE, Security and room size observed inadequate.	-	EHS



Doc Name: MOCK DRILL REPORT

Doc Code: SAF-F-07

Issue No: 01

Rev No: 01

#### MEMBER PARTICIPATED

S. N.	Name	Department	
1	Mr. Sanjay Landge	Site Incident Controller	
2	Mr. Navin Shrivastava	Chief Incident Controller	
3	Mr. Abhinav Patil	CM Cell	
4	Mr. Sameer Patil	Mechanical	
5	Mrs. Jayshree Katkar	HR	
6	Mr. Upendra Mishra	AVP GrI	
7	Mr. Deepak Pande	EHS	
8	Mr. Pradip Tandel	EHS	
9	Mr. Anil Kadam	EHS	
10	Rakesh Mhatre	Fire	
11	Mr. Shankar Thale	Fire	
12	Mr. Vijay Kamble	Security	
13	Mr. Sibram Sabat	Security	
14	Mr. Sandeep Mokashi	Electrical	
15	Mr. Ramdas Jadhav	Electrical	
	CIVIL & ADMINISTRATIVE		
16	Mr. Khatode	MARG Member (Apcotex)	
17	Mr. Deepak Darugade & team	Fire officer from MIDC fire station	

8. Total Head Count of offsite Mock drill at site: 59 Nos.

Mr. Sanjay Landge Name & Signature of Site Incident controller

Mr. Navin Shrivastav Name & Signature Chief Incident Controller



Doc Name: MOCK DRILL REPORT

Doc Code: SAF-F-07

Issue No: 01

Rev No: 01

# Enclosed: - Some events photos during the Mock drill



Mr. xxx (Primary Observer), of M/s Vijay Tank working just outside the GRS hear the leak sound from Gas receiving station— Ammonia Plant



Primary observer convey the message to ECR by operating nearest Manual call Point



**Local Evacuation done at Incident Site** 



**Local Evacuation done at Incident Site** 



**Fire crew Arrival at Incident Site** 



Operation team rushed towards the Incident site



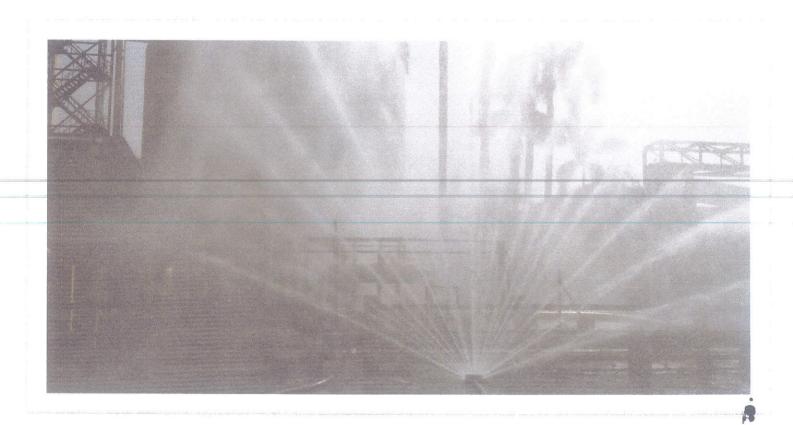
**Chief Incident Controller rushed towards the Emergency Control Center** 



LEL checked by Fire team by wearing PPE & SCBA sets



**Emergency team in action at Incident Site** 



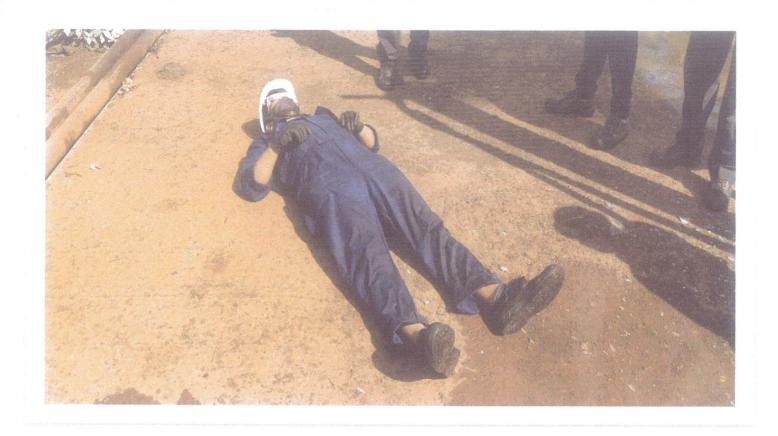
# Mayura curtain/Water Spray started to Disperse/Contain the gas



Clamping activity is in progress by Mechanical team



LEL checking done after charging the NG Pipeline



**Casualty at Incident Site** 



**Casualty Handling at Incident Site** 



Casualty Shifting for further treatment at OHC



**Casualty Shifting for further treatment at OHC** 



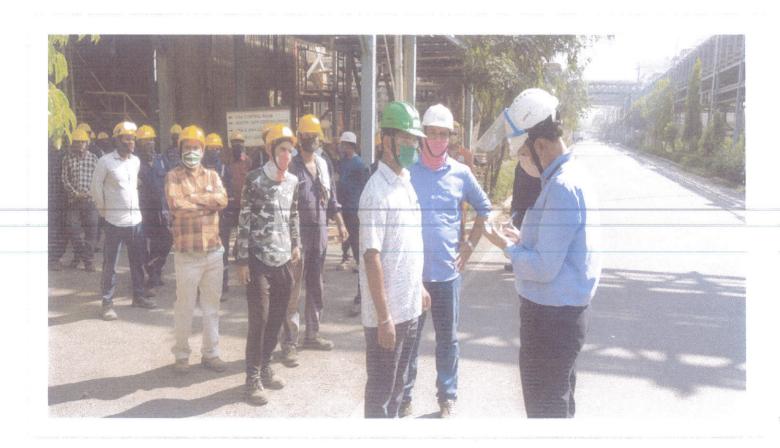
**Observers at Incident Site** 



**Communication between SIC & Chief Incident Controller** 



**MIDC Fire Vehicles at Incident Site** 



**Head-counting done at Incident Site** 





All members involved in NG pipeline Mock Drill