

DFPCL-K1/EHS/Env/2020-21/02

Date: 25th May 2020

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-2019 to March -2020**.

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.
- 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 5068 4000 Fax: +91 22 2741 2413

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

Tel.: 020-6645 8000 Website: www.dfpcl.com CIN: L24121MH1979PLCO21360

#### DATA SHEET

-		DATA SHEET	<u> </u>
1		Project type: River - valley/ Mining / Thermal/ Industry / Nuclear/ Other (specify)	Gas Based Power Project
2		Name of the project	Gas based power project (2 X 5.2 MW and 1 X 7.5 MW) at their manufacturinf facility at MIDC, Taloja, Maharashtra by Deepak Fertilisers & Petrochemicals Corporation Limited
3		Clearance letter ( s ) /OM No. and Date	EC granted for Gas Based Power Project vide file no. (SEAC-2010/CR.656/TC.2 dt 11.05.2011).
4	_	Location	
ŀ		District (S)	Raigad
ŀ		State ( S) Latitude/longitude	Maharashtra 19°04'11.3"N/73°08'04.1"E
5	ι.	Address for correspondence	19 04 11.5 N/75 08 04.1 E
J .	a.	Address of Concerned Project Chief Engineer ( with pin code & Telephone/ telex/ fax numbers	Mr. Deepak Pande (Sr.GM-EHS), M/s Deepak Fertilisers & Petrochemicals Corporation Ltd. Plot No. K-1, MIDC Industrial area, Taloja, District Raigad – 410208, Maharashtra. Phone: - 022-50684221, 9920942161
	b.	Address of Executive Project: Engineer/Manager ( with pincode/ Fax numbers)	Same as above
6		Salient features of the project	Gas Based Power Project for power generation for internal use.
		of the environmental management plans	Gas Turbine inbuilt technology for NOx reduction. Periodic Environmental Monitoring for Ambient Air, Noise & Ground water
7		Break up of the project area	NA (4450 L. I)
-		submergence area forest & non forest Others	NA, (MIDC Land) NA
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	NA, (MIDC Land)
ŀ	a.	SC, ST/Adivasis	NA, (MIDC 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)	NA
9		Financial details.  Project cost as originally planned and subsequent revised estimates and the year of price reference	79 Crores
	b	Allocation made for environmental management plans with item wise and year wise Break-up.	Yes. Rs. 50,000 for plantation Year 2011-12 for Plot K-1 to K-8. Year 2012- 13 for Plot K-1 to K-8. 1)Rs 10 lakhs for plantation. Year 2013-14 for Plot K-1 to K-8. 1)Rs 5 lakhs for plantation. Year 2014-15 for Plot K-1 to K-8. 1)Rs 5 lakhs for plantation. 2)Rs 1.5 lakhs Weather Monitoring Station. Year 2015-16 for Plot K-1 to K-8. 1)Rs 5 lakhs for plantation. Year 2016-17 for Plot K-1 to K-8. 1)Rs 5 lakhs for plantation. 2)Rs 3.9 lakhs - AMC for Online Emission & Effluent Quality Monitoring System. Year 2017-18 for Plot K-1 to K-8. 1)Rs 48 lakhs for plantation 2)Rs 3.9 lakhs - AMC for Online Emission & Effluent Quality Monitoring System. Year 2018-19 for Plot K-1 to K-8. 1)Rs 20.68 lakhs for plantation year 2018-19 for Plot K-1 to K-8. 2)Rs 3.9 lakhs - AMC for Online Emission & Effluent Quality Monitoring System. Year 2018-19 for Plot K-1 to K-8. 1)Rs 20.68 lakhs for plantation year 2018-19 for Plot K-1 to K-8. 2)Rs 3.9 lakhs - AMC for Online Emission & Effluent Quality Monitoring System. 3)Bs Rs 1 Crores — Diversion of positive discharge of treated effluent line from old to new MIDC chamber.
ŀ	C.	Benefit cost ratio/Internal rate of Return and the year of assessment	
ľ		Whether ( c ) includes the Cost of environmental management as shown in the above.	Yes
		Actual expenditure incurred on the project so far.	
		Actual expenditure incurred on the environmental management plans so far	
10		Forest land requirement  The status of consequence for discretion of forest land for non-forest uses	NA (MIDC Lond)
ŀ		The status of approval for diversion of forest land for non-forestry use  The status of compensatory afforestation program in the light of actual field experience so far	NA, (MIDC Land)
11	IJ	The status of compensatory afforestation program in the light of actual field experience so far.  The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information	NA, (MIDC Land) NA, (MIDC Land)
12	_	Status of construction	
		Date of commencement ( Actual and/or planned)	Year 2011
13 14		Date of completion (Actual and/of planned )  Reasons for the delay if the Project is yet to start  Date of cita visits	10 December 2012 NA
14		Dates of site visits  The dates on which the project was monitored by the Regional Office on previous Occasions, if any	NA
ŀ	b.	Date of site visit for this monitoring report	NA NA
15	_	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 )	NA NA

Environment Clearance for Gas Based Power Project (SEAC-2010/CR.656/TC.2 dated 11.05.2011) - Government of Maharashtra, Environment Department, Room No 217, 2nd Floor, Mantralaya Annexe, Mumbai - 400 032.

SN	Specific Conditions	Status of compliance as on 31/03/2020
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)	Total water requirement should not exceed 2800 m3/day as per permission accorded by MIDC vide letters dated 03.03.04 and 07.07.05. Further, efforts shall be made for further conservation of water and utilization of waste water.	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.

SN	Specific Conditions	Status of compliance as on 31/03/2020
vii)	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels	Three continuous monitoring AAQM stations are
	both in work zone and ambient air shall be carried out in and	installed and these are connected to MPCB
	around the power plant and record shall be maintained. The	portal.
	location of the monitoring stations & frequency of monitoring shall	These station monitors various parameters like
	be decided in consultation with MPCB & submit report accordingly	PM10 &PM2.5, SO2, NOx & NH3 and CO. Work
	to MPCB.	environment monitoring is done in the work
		zone through third party approved by MOEF.
		(Annexure - 1)
viii)	A detailed scheme for rain water harvesting shall be prepared and	System for rain water harvesting is provided at
,	implemented to recharge ground water.	existing WNA 3 & 4 plant.
ix)	Arrangement shall be made that effluent and storm water do not	Effluent and storm water are having separate
· ·	get mixed.	drains.
x)	Periodic monitoring of ground water shall be undertaken and	Periodic ground water monitoring is being
	results analysed to ascertain any change in the quality of water.	carried out near ETP. Reports are submitted to
	Results shall be regularly submitted to the MPCB.	MPCB.
		(Annexure - 2)
xi)	Leq of Noise level shall be maintained as per standards. For people	Periodic noise monitoring by third party (MoEF
	working in the high noise area, requisite PPE like earplugs, etc. Shall	Approved) laboratory is carried out at six
	be provided.	different locations and ambient noise level is
		within the standards prescribed.
		Requisite PPE like earplugs, etc. are provided for
		people working in the high noise area.
xii)	Proper House keeping programmes shall be implemented.	5S program has been implemented to maintain
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Froper flouse keeping programmes shall be implemented.	proper House keeping.
xiii)	The overall noise levels in and around the plant are shall be kept	Periodic noise monitoring is done by MOEF
,	well within the standards by providing noise control measures	approved 3rd party laboratory at six different
	including acoustic hoods, silencers, enclosures, etc. On all the	locations and noise level is within the standards
	sources of noise generation. The ambient noise levels shall confirm	prescribed under EP Act,1986, Rules, 1989.
	to the standards prescribed under the EPA, 1986 & Rules, 1989.	(Annexure - 3)
	•	
xiv)	Green belt shall be developed & maintained around the plant	Complied with.
		Around 31 % of plot area is developed as Green
	CPCB guidelines including selection of plant species & in	belt. Addtional MIDC plot next to our premises is
	consultation with the local DFO / Agriculture Dept.	being aquired from MIDC to develop green belt
		which will meet the requirment of 33% green
		blet.
		In addition to this, green belt on 50 acre of
		degraded forest land is also developed at Dhavdi
		Village, near Dombivali, ~ 12-15 kms away from
		our site.

SN	Specific Conditions	Status of compliance as on 31/03/2020			
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.	d) GT & HRSG operations are fully automated. e) As such there is no reactor in the GT however			
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.	Regular mock drills for the on-site emergency management plan are carried out. On site emergency plan is reviewed and revised periodically.  (Annexure - 4)			
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.			

SN	Specific Conditions	Status of compliance as on 31/03/2020
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 $1^{\text{st}}$ June & $1^{\text{st}}$ December of each calendar year.	Six monthly compliance reports are being sent to MPCB and regional office of MOEF. Last report was sent on 30th November 2019. 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.
xxviii)	stipulated EC conditions, including results of monitored data on their website & shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB. The criteria pollutant levels namely SPM, RSPM, SO <sub>2</sub> , NO <sub>2</sub> (ambient levels as well as stack	Six monthly compliance reports are being sent to MPCB and regional office of MOEF. Last report was sent on 30th November 2019. Copy of the same posted on the company's web-site. Three continuous monitoring AAQM stations are installed and connected to MPCB portal. These station monitors various parameters like PM10 & PM 2.5, SO2, NOx, NH3 & CO. This data is displayed at main gate.  Stack emissions are also monitored periodically through the MOEF approved third party laboratory.
xxix)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB.	Six monthly compliance reports are being sent to MPCB and regional office of MOEF. Last report was sent on 30th November 2019.

SN	Specific Conditions	Status of compliance as on 31/03/2020
xxx)	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions & shall also be sent to respective Regional Offices of MoEF by e-mail.	The environmental statement for each financial year ending 31st March in Form-V as is being submitted online to the MPCB before 30th September. Form V is also being uploaded on company website. (Form V was submitted online on 24.09.2019 for financial year 2018-19).
xxxi)	The environmental clearance is being issued without prejudice to the court case pending in the court of law & it does not mean that project proponent has not violated any environmental laws in the past & whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	Noted
xxxii)	The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted.
xxxiii)	<u>Validity of Environment Clearance</u> - The Environmental Clearance accorded shall be valid for a period of 5 years to start of production operations.	Noted and complied.
xxxiv)	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the conditions imposed and to incorporate additional environmental protection measures required, if any.	Noted.
xxxv)	The above conditions would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981,the Environment (Protection) Act, 1986 and rules there under, Hazardous Wates (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.	Noted
xxxvi)	Any appeal against this environment clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under section 11 of the National Environmental Appellate Act, 1997.	Noted

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



## AMBIENT AIR QUALITY MONITORING REPORT

Name	of Organization					orperation Limit			
Addres						O. Taloja Dist. F		08 Maha	arashtra
Custor	mers Reference	: Work O	rder no. 4800	055893, Da	ted 24,07,201	19			arao ma
	ε o⁻ Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Report on Date	
0	3.10.2019	05.10	2019	05.10	).2019	08.10.20	19	09.1	10.2)19
Sample	∈ <b>T</b> /pe : A	mbient Air			Sample Qty	. & : Fiter	Paper (2 nos	s). Char	coa Tube
ULR N	Lmmber : T	C670919000	0005473>		Packing		der & 50ml Pl		
Locatio	an : G	ate No-4			Sample Coo		A/10/19/052		
Sr. No.			Me	thod	Unit	MDL*	Result	ts	NAAQS Limit
1	Particulate Matter		S-5182	? (Part-23)	µg/m³	- C1	67.6		100
2	Particulate Matter		VI_/AIR	SOP/03	µg/m³	5	27.8		60
3	Sulphur Dioxide (	SO <sub>2</sub> )	S-5182	(Part-02)	µg/m³	6.5	13.8		80
4	Oxides of Nitrogen (NO <sub>X</sub> )		IS-5182 (Part-06)		µg/m³	4	22.4		80
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		µg/m³	* (C	0.89		2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	3.0		5
7	Ammoria (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	- 5	26.8		400
8	Ozone (O <sub>3</sub> )		IS-5182 (Part-09)		µg/m³	1	10.0		100 for 8 hrs.
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	C.5	BDL		1
10	Lead (Pb)		A. (2)	ord =	µg/m³	C	0.39		1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	BDL		6
12	Nickel (Ni)		(ivieth	od 822)	ng/m³	1	BDL		20
13	Hydrocarbon (HC		IS-5182	(Part-11)	µg/m³	1	54.8		1202
14	Sulfur Trioxide (S	O <sub>3</sub> )			µg/m³		BDL		1. <del>558</del>
15	Acid Mist		AHRC	-165SG	µg/m³		2.9		1575
16	Fluoride				µg/m³		BDL		) inter

#### Note:

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

Verified by:

Surekha Jamdar

Dy. Technical Manager

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

Shraddha Kere

Issued by:

Technical Manager

A Neterwala Group Company

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

Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74399N+2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization					orporation Limit			
Addres			ant Plot K-1	MIDC Indu	strial Area P	O Taloia Diet F	eu. Paigad 41020	08 Mahatashtta	
Custon	ners Reference	: Work O	rder no. 4800	055893. Da	ted 24.07.201	9	Naiyau 41020	Jo Mana Ashta	
	of Sampling		ceived Date		Start Date	Analysis Complete Date		Repert on Cate	
0	3.10.2019	05.10	2019	05.10	).2019	08.10.20	19	09 10 2019	
Sample		mbient Air			Sample Qty	. & : Filter	Paper (2 no:	s), Chartoal Tube,	
ULR Ni	ımber : T	C670919000	005518P		Packing			lastic Botte (∠ nos)	
Locatio	n ; N	ear CFB Co	ing Tower		Sample Cod		A/10/19/087		
Sr. No.	Test Para		Me	thod	Unit	MDL*	Result	ts MAAQS Lim	
1	Particulate Matter		IS-5182	(Part-23)	µg/m³	10	58.9	100	
2	Particulate Matter		NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	30.8	50	
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	12.1	-30	
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	17.2	30	
5	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	µg/m³	10	1.18	2 for 8 hrs.	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	2.3	5	
7	Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	28.8	400	
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	8.1	00 fcr 8 hrs	
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	BDL	1	
10	Lead (Pb)			ord =	µg/m³	0.1	0.25	1	
11	Arsenic (As)			r 3 <sup>rd</sup> Edition	ng/m³	1	BDL	6	
12	Nickel (Ni)		(Method 822		ng/m³	1	BDL	20	
13	Hydrocarbon (HC	/	IS-5182	(Part-11)	µg/m³	1	32.7		
14	Sulfur Trioxide (S	O <sub>3</sub> )		0	µg/m³	0	BDL	222	
15	Acid Mist		OSHA	-165SG	µg/m³	0	3.1		
16	Fluoride			0	µg/m³	0	BDL		

#### Note:

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

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Fere Technical Manager

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

A Neterwala Group Company

W-408, Rabale MIDC, TTC ndustrial Area, NAVI MUMBAI - 400 701, INDIA. Tel.: +91 022 2~60 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organisation					orporation Limite			
Addres		: Taloja F	Plant Plot K-1	. MIDC Indu	strial Area P	) Talcia Dist F	eu. Painad 410 <b>⁻</b> (	08 Maharashtra	
Custon	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	9	algua +10E	JO Manarasinia	
	e of Sampling		ceived Date		Start Date	Analysis Complete Date		Report on Date	
	5.10.2019	07.10	).2019	07.10	0.2019	10.10.20	19	11.10.2019	
Sample		mbient Air		<del></del>	Sample Qty.	& Filter	Paper (2 no	s), Charcoal Tul	
ULR Ni	ımber : T	C670919000	005519>		Packing			lastic Bottle (4 n	
Locatio	on 🐺 N	ear IPA Gate	9		Sample Cod		A/10/19/083		
Sr. No.	Te:at Para	meter	Me	thod	Unit	MDL*	Result	ts NAAQS	Limit
1	Particulate Matter		IS-5182	(Part-23)	µg/m³	-0	66.4	100	0
2	Particulate Matter	(PM <sub>2.5</sub> )	NI_/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	24.▼	60	)
3	Sulphur D oxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	€.5	14.9	80	)
4	Oxides of "Jitroge	n (NO <sub>X</sub> )	IS-5182 (Part-06)		μg/m³	4	21.	80	)
5	Carbon Minoxide	(CO)	IS-5182 (Part-10)		µg/m³	-0	0.7€		
6	Benzene (€C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	3.4	5	_
7	Ammonia NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	3	27.~	400	0
8	Ozone (O:		IS-5182 (Part-09)		µg/m³	1	12.5	100 for 8	8 hrs.
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	2.5	BDL		
10	Lead (Pb)			- rd	µg/m³	2.1	0.4	1	
11	Arsenic (A=)			ir 3 <sup>rd</sup> Edition	ng/m³	4	BDL	6	
12	Nickel (Ni)	(Method 8		ou 822)	ng/m³	1	BDL	20	)
13	Hydrocarb <b>⇒</b> n (HC	/	IS-5182	(Part-11)	µg/m³	1	32.■	1848	
14	Sulfur Tric⊏ide (S	O <sub>3</sub> )		0	µg/m³	)	BDL	1999	4
15	Acid Mist		AHRC	-165SG	µg/m³	)	1.2		
16	Fluoride			0	µg/m³	)	BDL	Value	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL ⊞low Detectible Limit.
- 3. † Laboratory SOP, based on CPCB G\_idelines Volumns I & II
- 4. Sampling zone by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. The compaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified Ey:

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.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999 VH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization					poration Limit			
Addres		· Taloia	Plant Plot K 1	MIDC Indu	etrial Area E	a poration Limit	ed,	No. 1	
	ners Reference	: Work	Order no. 4800	0055893 Da	ted 24.07.201	O. Taloja Dist. F	kaigad 410208	iviar arashtra	
Date of Sampling Sample Received				Analysis Start Date		Analysis Cor Date	mplete	Report or Date	
1	4.10.2019	16.1	C.2019	16.10	0.2019	19.10.20	19	21 10.2019	
	Sample Type : Ambient Air ULR Number : TC67091900C005713P							Charcoal Tube, stic Fottle (4 nos)	
Locatio	on : N	PK Product	ion Un t		Sample Coc		A/10/19/142	( 1-1)	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Results	NAAQS Limit	
1	Particulate Matter		IS-5182	(Part-23)	µg/m³	10	60.9	100	
2	Particulate Matter	(PM <sub>2 5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	31.7	60	
3	Sulphur Dioxide (	-/	IS-5182	(Part-02)	µg/m³	6.5	11.5	80	
4	Oxides of Nitroge	n (NO <sub>x</sub> )	!S-5182 (Part-06)		µg/m³	4	17.4	80	
5	Carbon Monoxide	(CO)	S-5182 (Part-10)		µg/m³	10	0.96	2 for 8 hrs.	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		S-5182 (Part-11)		µg/m³	1	3.7	5	
7	Ammonia (NH <sub>3</sub> )		ISO Part-II (Method-401)		µg/m³	6	29.2	400	
8	Ozone (O <sub>3</sub> )		S-5182 (Part-09)		µg/m³	4	7.6	100 for 8 hrs.	
9	Benzo - a - Pyren	e (BaP)	S-5182 (Part-12)		ng/m³	0.5	BDL	1	
10	Lead (Pb)		- ADUA A:	ord =	µg/m³	0.1	0.28	1	
11	Arsenic (As)			r 3 <sup>rd</sup> Edition od 822)	ng/m³	1	BDL	6	
12	Nickel (Ni)		(IVICUI)	Ju 022)	ng/m³	1	BDL	20	
13	Hydrocarbon (HC		S-5182	S-5182 (Part-11)		1	63.9	244	
14	Sulfur Trioxide (S	O <sub>3</sub> )	0		µg/m³	0	BDL	: <del>::::H</del>	
15	Acid Mist		OSHA	-165SG	µg/m³	0	2.0	(477)	
16	Fluoride			0		0	BDL	(legal)	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Lim t.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India: Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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,: +91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN | U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

			AI WILL C	UALIT		JKING KE	PURI			
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals Co	crooration Limit	ed			
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 MaharashtraCustomers Reference: Work Order no. 4800055893, Daled 24,07.2019										
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	led 24,07.201	9	talgaa 110200 IV	ianarasmia		
	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	mplete Re	Report on Date		
	5.10.2019	17.10	).2019	17.10	).2019	21.10.20	19 2	22.10.2019		
Sample		mbient Air			Sample Qty.	.& : Filter	Paper (2 nos), C	Charcoal Tube.		
ULR No	ımber : T	C670919000	005714P		Packing		der & 50ml Plasti			
Locatio	on : N	PK Raw Mat	terial Storage	Area	Sample Cod		A/10/19/143			
Sr. No.			Me	thod	Unit	MDL*	Results	NAAQS Limit		
1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	! (Part-23)	µg/m³	10	63.8	100		
2	Particulate Matter	r (PM <sub>2 5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	34.3	60		
3	Sulphur D oxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	13.9	80		
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	21,1	80		
5	Carbon Monoxide	e (CO)	IS-5182	(Part-10)	µg/m³	10	0.88	2 for 8 hrs.		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	2.3	5		
7	Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	24.1	400		
8	Ozone (O3)		IS-5182 (Part-09)		µg/m³	1	10.4	100 for 8 hrs.		
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	BDL	1		
10	Lead (Po)		A.D.I.A. A.	ord muss	µg/m³	0.1	0.35	1		
111	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	BDL	6		
12	Nickel (Ni)		(Method 822)		ng/m³	1	BDL	20		
15	Hydrocarbon (HC) IS-5182 (Part-		(Part-11)	µg/m³	1	26.9	144			
14	Sulfur Tricxide (S	O <sub>3</sub> )		0	µg/m³	0	BDL	(1 <del>2.29</del>		
15	Acid Mist		AHRC	-165SG	µg/m³	0	1.9	N <del>ext</del>		
16	Fluoride		0		µg/m³	0	BDL	722		

#### Ncte:

- 1 \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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 Neterwa & Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701, INDIA. Tel<sub>io</sub>: +91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

NI.						DKING KE		
	of Organization	: M/s. De	epak Fertilise	s And Pet	ochemicals C	orporation Limit	ed,	
Addres		: Taloja F	Plan: Plot K-1	MIDC Indu	strial Area, 2.	O. Taloja Dist. F	Raigad 410208	Maharashtra
Custon	ners Reference	: Work O	rder no. 4800	D55893, Da	ted 24.07.201	9		
	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Con Date	nplete	Report on Date
16.10.2019 18.10.2019				18.1	).2019	21.10.20	19	22.10.20 9
Sample		mbient Air			Sample Qry.	. & : Filter	Paper (2 nos).	Charcoal Tube,
ULR Ni	ımber : T	C670919000	005715.⊃		Packing			tic Bottle (4 nos)
Locatio	on : M	ain Gate			Sample C>d		A/10/19/144	
Sr. No.			Me	thod	Unit	MDL*	Results	NAAQS Limi
1	Particulate Matter		IS-5182	(Part-23)	µg/m <sup>±</sup>	10	62.4	-00
2	Particulate Matter	(PM <sub>25</sub> )	NI_/AIR	SOP/03	µg/m³	5	21.7	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m⁵	6.5	14.5	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m¹	4	23.8	80
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		µg/m*	10	1.08	2 fcr 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> )		SC Part-II (Method-401)		µg/m³	6	44.6	<b>∸</b> 00
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	7.4	^00 for 8 hrs.
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m	0.5	BDL	1
10	Lead (Pb)		A DUIA A	ord = vv	µg/m³	0.1	0.20	1
11	Arsenic (As)			3 <sup>rd</sup> Edition	ng/m	1	BDL	6
12	Nickel (Ni)	(Methcd 822)			ng/m²	1	BDL	20
13	Hydrocarbon (HC) IS-5182 (Part			(Part-11)	µg/m <sup>=</sup>	1	36.2	
14	Sulfur Trioxide (SO <sub>3</sub> )			0	µg/m³	0	BDL	1920
15	Acid Mist		OSHA	-165SG	µg/m³	0	1.3	
16	Fluor de			0	µg/m²	0	BDL	- 225

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPC3 Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

Verified by:

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shracdha Kere Technical Mar ager

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

A Neterwala Group Company

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

Tel.: + 91 022 276C 7102 / 2760 7103

Fax: + 91 022 276C 7100

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

CIL: U74999MH2003PLC142228







	MINDIEL	ti Allt G	OALIII	MOITH		.1 OIV1		
of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.		
s	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	.O. Taloja Dist. F	Raigad 41	0208 Ma	harashtra
ners Reference	: Work C	rder no. 4800	055893, Da	ted 24.07.201	19			
of Sampling	Sample Re	eceived Date Analysis		Start Date	Analysis Cor Date	nplete	Rep	ort on Date
21.11.2019 23.1			23.11	.2019	26.11.20	19	27	7.11.2019
Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Ch	arcoal Tube,
ımber : To	C670919000	0006489P		Packing	Blado	der & 50m	l Plastic	Bottle (4 nos)
n M	ain Gate			Sample Cod	le · NII /A	A/11/19/2	204	
Test Para	meter	Me	thod	Unit	MDL*	Res	sults	NAAQS Limit
Particulate Matter	(PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	8	3.4	100
Particulate Matter	(PM <sub>25</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	3	9.9	60
Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	1-	4.8	80
Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	J Iŋ/m³	4	2	3.8	80
Carbon Monoxide	(CO)	IS-5182 (Part-10)		µg/m³	10	1	.19	2 for 8 hrs.
Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		μg/m³	1	1	1.3	5
Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	4	5.0	400
Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	1	1.0	100 for 8 hrs.
Benzo - a - Pyren	e (Rah)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1
Lead (Pb)		A DULA A	ord = arg	µg/m³	0.1	В	DL	1
Arsenic (As)				ng/m³	1	В	DL	6
Nickel (Ni)	(IMEUIC	od 022)	ng/m³	1	В	DL	20	
13 Hydrocarbon (HC) IS			(Part-11)	µg/m³	1	4:	3.7	(###)
Sulfur Trioxide (So	By Calculation		µg/m³	8	В	DL	1998	
Acid Mist		IOMA Man	ual (Part 2)	µg/m³	1	2.3		-
Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0.	.25	54845
	of Organization s ners Reference of Sampling 1.11.2019 Type : Al Imber : To n	s: Taloja Finers Reference: Work Control of Sampling Sample Research Sampling Sample Research	inters Reference : Work Order no. 4800 inters Reference : Total Parketon order no. 4800 inters Reference : Total Parketon order no. 4800 inters Reference : Total Parketon ord	inters Reference : Work Order no. 4800055893, Date of Sampling   Sample Received Date   Analysis    1.11.2019   23.11.2019   23.11  Type : Ambient Air   Imber : TC670919000006489P   IS-5182 (Part-23)    Particulate Matter (PM <sub>10</sub> )   IS-5182 (Part-02)   IS-5182 (Part-06)    Carbon Monoxide (SO <sub>2</sub> )   IS-5182 (Part-06)   IS-5182 (Part-10)    Benzene (C <sub>6</sub> H <sub>6</sub> )   IS-5182 (Part-11)    Ammonia (NH <sub>3</sub> )   ISC Part-II (Method-401)    Ozone (O <sub>3</sub> )   IS-5182 (Part-09)    Benzo - a - Pyrene (BaP)   IS-5182 (Part-12)    Lead (Pb)   Arsenic (As)   APHA - Air 3 <sup>rd</sup> Edition (Method 822)    Nickel (Ni)   Hydrocarbon (HC)   IS-5182 (Part-11)    Sulfur Trioxide (SO <sub>3</sub> )   By Calculation    Acid Mist   IOMA Manual (Part 2)	M/s. Deepak Fertilisers And Petrochemicals C   S   Taloja Plant Plot K-1, MIDC Industrial Area, P   Taloja Plant Pla	of Organization         : M/s. Deepak Fertilisers And Petrochemicals Corporation Limits           s         : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Finers Reference         : Work Order no. 4800055893, Dated 24.07.2019           of Sampling         Sample Received Date         Analysis Start Date         Analysis Corporation Date           1.11.2019         23.11.2019         23.11.2019         26.11.20           Type         : Ambient Air         Sample Qty. & Filter Packing         Filter Packing         Blade           Imber         : TC670919000006489P         Packing         Blade           Imber         : TC6709190000006489P         Packing         Applm³         10           Particulate Matter (PM10) <th< td=""><td>  Formalization   Companization   Companizati</td><td>  S</td></th<>	Formalization   Companization   Companizati	S

#### Note:

- 1, \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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\*\*\*





		AIVIDILI	II AIN G	UALITI	INICIALLA	JKING KE	FUNI			
Name of	of Organization	: M/s, De	epak Fertilise	ers And Petro	ochemicals C	orporation Limite	ed.			
Addres	s	: Taloja F	Plant Plot K-1	, MIDC Indus	strial Area, P.	O. Taloja Dist, F	Raigad 410	)208 Ma	harashtra	
Custon	ners Reference	: Work O	rder no. 4800	055893, Dat	ed 24.07.201	9				
Date	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Con Date	nplete	Rep	ort on Date	
2	1.11.2019	23.11	.2019	23.11	.2019	26.11.20	19	27	.11.2019	
Sample	Type : A	mbient Air	_		Sample Qty	. & : Filter	Paper (2 r	nos), Ch	arcoal Tube,	
ULR N	ımber : T	C670919000	0006490P		Packing	Blado	ler & 50ml	Plastic I	Bottle (4 nos)	
Location : NPK Gate No-4 Sample Code : NIL/AA/11/19/205										
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	ults	NAAQS Limit	
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	74	1.4	100	
2	Particulate Matter	(PM <sub>2.5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	37	'.3	60	
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	11	.6	80	
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	17	'.6	80	
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		µg/m³	10	1.1	16	2 for 8 hrs.	
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	1.	.9	5	
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	33	3.0	400	
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	10	.6	100 for 8 hrs.	
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	BI	DL	1	
10	Lead (Pb)		A DULA A	r 3 <sup>rd</sup> Edition	µg/m³	0.1	BE	DL	1	
11	Arsenic (As)				ng/m³	11	BE	DL	6	
12	- I (Vietnog 822)			Ju 022j	ng/m³	1	BE	DL	20	
13	13 Hydrocarbon (HC) IS-5182 (Pa			(Part-11)	µg/m³	1	63	.8	1494	
14	14 Sulfur Trioxide (SO <sub>3</sub> ) By Calcula				µg/m³	8	BE	DL	). <del>#(#</del> )	
15	Acid Mist ICMA Manual (Pa				µg/m³	1	3.	.4		
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0.3	39	5444	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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\*\*\*



		HINIRIEN	II AIR Q	UALITY	MONIT	ORING RE	PURI		
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.		
Addres	SS	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. F	Raigad 410	)208 Mah	narashtra
Custon	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	19			
Date	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Repo	ort on Date
2	1.11.2019	23.11	1.2019	23.11	.2019	26.11.20	19	27.	.11.2019
Sample	Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2 r	nos), Cha	arcoal Tube,
ULR No		C670919000	0006491P		Packing				Bottle (4 nos)
Locatio	on : N	PK Raw Mat	terial Storage	Area	Sample Cod	le : NIL/A	AA/11/19/20	06	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	ults	NAAQS Limit
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	83	.0	100
2	Particulate Matter	(PM <sub>2.5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	42	.5	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	11	.3	80
4	Oxides of Nitroge	n (NO <sub>x</sub> )	IS-5182 (Part-06)		µg/m³	4	18	.1	80
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		µg/m³	10	1.0	)2	2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	11	3.	2	5
7	Ammonia (NH <sub>3</sub> )		ISC Part-li	(Ivietnoa-401)	μy/m°	8	41	.1	400
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	9.	0	100 for 8 hrs.
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	BD	)L	1
10	Lead (Pb)		A DULA AS	r 3 <sup>rd</sup> Edition	µg/m³	0.1	BC	)L	1
11	Arsenic (As)		I	od 822)	ng/m³	1	BE	)L	6
12	Nickel (Ni)		(INIGUI)	UU UZZJ	ng/m³	1	BD	)L	20
13	Hydrocarbon (HC	)	IS-5182 (Part-11)		µg/m³	1	41	.5	7744
14	Sulfur Trioxide (S	O <sub>3</sub> )	By Calculation		µg/m³	8	BC	)L	о <del>рин</del>
15	Acid Mist		ICMA Mar	nual (Part 2)	µg/m³	1	1.	3	11.555
16	Fluoride		IS-5182	(Part-13)	µg/m³	0,1	0.2	22	2000

#### Note:

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

Verified by:

Surekha Jamdar Dy. Technical Manager

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

Issued by:

Shraddha Kere Technical Manager





Location         : NPK Production Unit         Sample Code         : NIL/AA/11/19/207           Sr. No.         Test Parameter         Method         Unit         MDL*         Results         NAAQS           1         Particulate Matter (PM10)         IS-5182 (Part-23)         μg/m³         10         62.5         10           2         Particulate Matter (PM25)         NIL/AIR/SOP/03 <sup>†</sup> μg/m³         5         33.0         6           3         Sulphur Dioxide (SO2)         IS-5182 (Part-02)         μg/m³         6.5         10.0         8           4         Oxides of Nitrogen (NOx)         IS-5182 (Part-06)         μg/m³         4         15.5         8           5         Carbon Monoxide (CO)         IS-5182 (Part-10)         μg/m³         10         0.95         2 for 8           6         Benzene (CqH5)         IS-5182 (Part-11)         μg/m³         1         4.3         5           7         Allimionia (NH3)         ISC Part-II (wienrod-401)         μg/m³         0         45.2         40	Name of	of Organization	: IM/s. De	epak Fertilise	ers And Petro	chemicals C	orporation L	imited.		
Date of Sampling   Sample Received Date   Analysis Start Date   Date   Date   Pate   Date	Addres	ss	: Taloja F	Plant Plot K-1	, MIDC Indus	trial Area, P.	O. Taloja Di	st. Raigad 4	10208 Mah	arashtra
Date   Date	Custon	ners Reference	: Work O	rder no. 4800	055893, Dat	ed 24.07.201	19			
Sample Type         : Ambient Air         Sample Qty. & Packing         : Filter Paper (2 nos), Charcoal Tuber Results           ULR Number         : TC670010000006402P         Packing         Bladder & 50ml Plastic Bottle (4           Location         : NPK Production Unit         Sample Code         : NIL/AA/11/19/207           Sr. No.         Test Parameter         Method         Unit         MDL*         Results         NAAQS           1         Particulate Matter (PM₁0)         IS-5182 (Part-23)         μg/m³         10         62.5         10           2         Particulate Matter (PM₂5)         NIL/AIR/SOP/03 <sup>†</sup> μg/m³         5         33.0         6           3         Sulphur Dioxide (SO₂)         IS-5182 (Part-02)         μg/m³         6.5         10.0         8           4         Oxides of Nitrogen (NOχ)         IS-5182 (Part-06)         μg/m³         4         15.5         8           5         Carbon Monoxide (CO)         IS-5182 (Part-10)         μg/m³         10         0.95         2 for 8           6         Benzene (G₂H₂)         IS-5182 (Part-11)         μg/m³         1         4.3         5           7         Aminoria (NH₂)         IS-5182 (Part-09)         μg/m³         1         9.5         100 for	Date	e of Sampling	Sample Re	ceived Date Analysis		Start Date			Repo	rt on Date
ULR Number         : TC670010000006402P         Packing         Bladder & 50ml Plastic Bottle (4 Location           Location         : NPK Production Unit         Sample Code         : NIL/AA/11/19/207           Sr. No.         Test Parameter         Method         Unit         MDL*         Results         NAAQS           1         Particulate Matter (PM <sub>10</sub> )         IS-5182 (Part-23)         μg/m³         10         62.5         10           2         Particulate Matter (PM <sub>2.5</sub> )         NIL/AIR/SOP/03 <sup>†</sup> μg/m³         5         33.0         6           3         Sulphur Dioxide (SO <sub>2</sub> )         IS-5182 (Part-02)         μg/m³         6.5         10.0         8           4         Oxides of Nitrogen (NO <sub>X</sub> )         IS-5182 (Part-06)         μg/m³         4         15.5         8           5         Carbon Monoxide (CO)         IS-5182 (Part-10)         μg/m³         10         0.95         2 for 8           6         Benzene (C <sub>G</sub> H <sub>G</sub> )         IS-5182 (Part-11)         μg/m³         1         4.3         5           7         Animoria (NH <sub>3</sub> )         IS-5182 (Part-109)         μg/m³         1         9.5         100 for           8         Ozone (O <sub>3</sub> )         IS-5182 (Part-09)         μg/m³         1	22.11.2019 23.11.2019					.2019	26,11	1,2019	27.	11.2019
Location         : NPK Production Unit         Sample Code         : NIL/AA/11/19/207           Sr. No.         Test Parameter         Method         Unit         MDL*         Results         NAAQS           1         Particulate Matter (PM₁0)         IS-5182 (Part-23)         μg/m³         10         62.5         10           2         Particulate Matter (PM₂5)         NIL/AIR/SOP/03 <sup>†</sup> μg/m³         5         33.0         6           3         Sulphur Dioxide (SO₂)         IS-5182 (Part-02)         μg/m³         6.5         10.0         8           4         Oxides of Nitrogen (NOχ)         IS-5182 (Part-06)         μg/m³         4         15.5         8           5         Carbon Monoxide (CO)         IS-5182 (Part-10)         μg/m³         10         0.95         2 for 8           6         Renzene (G <sub>9</sub> H <sub>9</sub> )         IS-5182 (Part-11)         μg/m³         1         4.3         5           7         Animoria (NI I₃)         IS-5182 (Part-10)         μg/m³         1         45.2         40           8         Ozone (O₃)         IS-5182 (Part-09)         μg/m³         1         9.5         100 for	Sample	Type : A	mbient Air			Sample Qty	. & ; F	ilter Paper (2	nos), Cha	ircoal Tube,
Sr. No.         Test Parameter         Method         Unit         MDL*         Results         NAAQS           1         Particulate Matter (PM <sub>10</sub> )         IS-5182 (Part-23)         μg/m³         10         62.5         10           2         Particulate Matter (PM <sub>2.5</sub> )         NIL/AIR/SOP/03 <sup>†</sup> μg/m³         5         33.0         6           3         Sulphur Dioxide (SO <sub>2</sub> )         IS-5182 (Part-02)         μg/m³         6.5         10.0         8           4         Oxides of Nitrogen (NO <sub>X</sub> )         IS-5182 (Part-06)         μg/m³         4         15.5         8           5         Carbon Monoxide (CO)         IS-5182 (Part-10)         μg/m³         10         0.95         2 for 8           6         Benzene (C <sub>q</sub> H <sub>q</sub> )         IS-5182 (Part-11)         μg/m³         1         4.3         5           7         Ammonia (NH <sub>3</sub> )         IS-5182 (Part-09)         μg/m³         1         9.5         100 for           8         Ozone (O <sub>3</sub> )         IS-5182 (Part-09)         μg/m³         1         9.5         100 for	ULR Number : TC670010000006492P Packing Bladder & 50ml Plastic Bottle (4.1)								Rottle (4 nos)	
1 Particulate Matter (PM <sub>10</sub> ) IS-5182 (Part-23) μg/m³ 10 62.5 10 2 Particulate Matter (PM <sub>25</sub> ) NIL/AIR/SOP/03 <sup>†</sup> μg/m³ 5 33.0 6 3 Sulphur Dioxide (SO <sub>2</sub> ) IS-5182 (Part-02) μg/m³ 6.5 10.0 8 4 Oxides of Nitrogen (NO <sub>X</sub> ) IS-5182 (Part-06) μg/m³ 4 15.5 8 5 Carbon Monoxide (CO) IS-5182 (Part-10) μg/m³ 10 0.95 2 for 8 6 Renzene (G <sub>9</sub> H <sub>9</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Απποστία (NI I <sub>3</sub> ) ISC Part-II (Μειποσ-4υ I) μg/m³ 1 9.5 100 for	Locatio	on : N	PK Production	on Unit		Sample Cod	de : N	IIL/AA/11/19/	/207	
2 Particulate Matter (PM <sub>2.5</sub> ) NIL/AIR/SOP/03 <sup>†</sup> μg/m³ 5 33.0 6 3 Sulphur Dioxide (SO <sub>2</sub> ) IS-5182 (Part-02) μg/m³ 6.5 10.0 8 4 Oxides of Nitrogen (NO <sub>X</sub> ) IS-5182 (Part-06) μg/m³ 4 15.5 8 5 Carbon Monoxide (CO) IS-5182 (Part-10) μg/m³ 10 0.95 2 for 8 6 Renzene (C <sub>9</sub> H <sub>9</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Απιποπία (NI I <sub>3</sub> ) ISC Part-II (Μειπου-4υ I) μg/m³ 1 45.2 40 8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 9.5 100 for	Sr. No.	Test Para	meter Method			Unit	MDL*	Re	esults	NAAQS Limit
3 Sulphur Dioxide (SO <sub>2</sub> ) IS-5182 (Part-02) μg/m³ 6.5 10.0 8 4 Oxides of Nitrogen (NO <sub>X</sub> ) IS-5182 (Part-06) μg/m³ 4 15.5 8 5 Carbon Monoxide (CO) IS-5182 (Part-10) μg/m³ 10 0.95 2 for 8 6 Renzene (C <sub>9</sub> H <sub>9</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Απιποπία (NI I <sub>3</sub> ) ISC Part-II (Μειποσ-4υ I) μg/m³ 1 9.5 100 for	1	Particulate Matter	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10		62.5	100
4 Oxides of Nitrogen (NO <sub>X</sub> ) IS-5182 (Part-06) μg/m³ 4 15.5 8 5 Carbon Monoxide (CO) IS-5182 (Part-10) μg/m³ 10 0.95 2 for 8 6 Benzene (C <sub>q</sub> H <sub>q</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Απιποπία (NI I <sub>3</sub> ) ISC Part-II (Μειπου-4υ I) μg/m³ 0 45.2 40 8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 9.5 100 for	2	Particulate Matter	r (PM <sub>2 5</sub> )	NIL/AIR	SOP/03 <sup>†</sup>	µg/m³	5	;	33.0	60
5 Carbon Monoxide (CO) IS-5182 (Part-10) μg/m³ 10 0.95 2 for 8 6 Renzene (C <sub>9</sub> H <sub>9</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Αππιοπία (NH <sub>3</sub> ) ISC Part-II (Μειποσ-4υτ) μg/m³ 0 45.2 40 8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 9.5 100 for	3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	•	10.0	80
6 Benzene (C <sub>q</sub> H <sub>5</sub> ) IS-5182 (Part-11) μg/m³ 1 4.3 5 7 Απιποπία (NH <sub>3</sub> ) ISC Part-II (Μεικου-4υτ) μg/m³ 0 45.2 40 8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 9.5 100 for	4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4		15.5	80
7 Aπποπία (NH I <sub>3</sub> ) I3C Part-II (Μειποσ-4υ I) μg/m² 0 <b>45.2</b> 40 8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 <b>9.5</b> 100 for	5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10		0.95	2 for 8 hrs.
8 Ozone (O <sub>3</sub> ) IS-5182 (Part-09) μg/m³ 1 <b>9.5</b> 100 for	ĥ	Benzene (C <sub>9</sub> H <sub>9</sub> )		เร-5182	(Part-11)	hig/m <sub>3</sub>	1		4.3	5
, , , , ,	7	Ammonia (NH <sub>3</sub> )		ISC Part-II (IVIetnod-401)		µg/m²	0	4	15.2	400
9 Benzo - a - Pyrene (BaP) IS-5182 (Part-12) ng/m³ 0.5 BDL 1	8	Ozone (O <sub>3</sub> ) IS-5182 (Pa		(Part-09)	µg/m³	1		9.5	100 for 8 hrs.	
	9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	E	BDL	1

0.1

1

1

8

1

0.1

µg/m<sup>-1</sup>

ng/m³

ng/m³

µg/m³

µg/m³

µg/m³

µg/m³

BUL

BDL

BDL

48.4

BDL

0.40

6

20

# 16 **Note** :

11

12

14

15

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

APHA - Air 3<sup>rd</sup> Edition

(Method 822)

IS-5182 (Part-11)

By Calculation

ICMA Manual (Part 2)

IS-5182 (Part-13)

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

Verified by:

Load (Pb)

Nickel (Ni)

Acid Mist

Fluoride

Arconic (Λε)

Hydrocarbon (HC)

Sulfur Trioxide (SO<sub>3</sub>)

Surekha Jamdar

Dy. Technical Manager

Issued by:

Shraddha Kere Technical Manager

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



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

22.11.	2019	23.11	.2019	23.11.2	2019	26.11.201	19	27.1	11.2019
Sample Type	e : A	mbient Air		S	Sample Qty. & : Filter Paper (2 nos), Charcoal Tube,				
ULR Numbe	r 🚌 T	C670919000	006493P	P	acking	Bladd	er & 50ml	Plastic B	ottle (4 nos)
Location : Near IPA Gate					Sample Cod	e : NIL/A	A/11/19/20	08	
Sr. No.	Test Para	meter	Me	ethod	Unit	MDL*	Resi	ults	NAAQS Limit

Sr. No.	Test Parameter	Method	Unit	MDL*	Results	NAAQS Limit
1	Particulate Matter (PM <sub>10</sub> )	IS-5182 (Part-23)	mä/iii3	10	75.5	100
3	Particulate Matter (PM <sub>z,0</sub> )	NIL/AIR/SOP/03 <sup>†</sup>	µg/m³	5	37.8	ē0
3	Sulphur Dioxide (SO <sub>2</sub> )	IS-5182 (Part-02)	µg/m³	6.5	10.8	80
4	Oxides of Nitrogen (NO <sub>x</sub> )	IS-5182 (Part 06)	µg/m³	4	16.7	80
5	Carbon Monoxide (CO)	IS-5182 (Part-10)	µg/m³	10	1.09	2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	IS-5182 (Part-11)	µg/m³	1	3.6	5
7	Ammonia (NH <sub>3</sub> )	ISC Part-II (Method-401)	μg/m³	6	41.1	400
8	Ozone (O <sub>3</sub> )	IS-5182 (Part-09)	µg/m³	1	13.8	100 for 8 hrs.
9	Benzo - a - Pyrene (BaP)	IS-5182 (Part-12)	ng/m³	0.5	BDL	1
10	Lead (Pb)	ADITA A: OUD F IN	µg/m³	0.1	BDL	1
11	Arsenic (As)	APHA - Air 3 <sup>rd</sup> Edition (Method 822)	ng/m³	1	BDL	6
12	Nickel (Ni)	(IMELIIOU 622)	ng/m³	1	BDL	20
13	Hydrocarbon (HC)	IS-5182 (Part-11)	µg/m³	1	54.6	:===:
14	Sulfur Trioxide (SO <sub>3</sub> )	By Calculation	µg/m³	8	BDL	- Otto
15	Acid Mist	ICMA Manual (Part 2)	µg/m³	1	1.9	
16	Fluoride	IS-5182 (Part-13)	µg/m³	0.1	0.29	***

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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\*\*\*

Phone: 022-27007102 / 27007103 / 27000 018 / 20877101 • Websile , www.netel-India.com • E-mall: 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 Petr	ochemicals C	orporation Limit	ed.		
Addres	ss	: 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 24.07.20°				
Date	e of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Cor Date	nplete	Rep	ort on Date
22.11.2019 23.11.2019 23					.2019	26.11.20	19	27	.11.2019
Sample Type: Ambient AirSample Qty. & : Filter Paper (2 nos), Charcoal TubULR Number: TC670919000006494PPackingBladder & 50ml Plastic Bottle (4 not)									
Locatio	on ; N	ear CFB Coo	oling Tower		Sample Cod	de : NIL/A	A/11/19/2	209	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	NAAQS Limit
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	(Part-23)	µg/m³	10	6	9.8	100
2	Particulate Matter	· (PM <sub>2.5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	26.5		60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	1	0.4	80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	1	5.9	80
5	Carbon Monoxide	: (UU)	15-5182 (Part-10)		µg/m¹	10	U	.97	2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	2	2.4	5
7	Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	3	4.0	400
8	Ozone (O <sub>3</sub> )	0	IS-5182	(Part-09)	µg/m³	1	3	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)		ADLIA A:	r 3 <sup>rd</sup> Edition	µg/m³	0.1	В	DL	1
11	Arsenic (As)			r 3 Edition od 822)	ng/m³	1	В	DL	6
12	Nickel (Ni)		(Men)		ng/m³	1	В	DL	20
13	Hydrocarbon (HC) IS-5182 (			(Part-11)	µg/m³	1	3	3.6	2444
14	Sulfur Trioxide (SO <sub>3</sub> ) By C			culation	µg/m³	8	В	DL	
15	Acid Mist			ual (Part 2)	µg/m³	1	2	2.6	( <del>* * * *</del>
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.24	CAMP.

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 74 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\*\*\*





		AMBIEN	IT AIR C	UALITY	MONIT	ORING RE	PORT					
Name o	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											
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indus	strial Area, P.	O. Taloja Dist. I	Raigad 41	10208 Mah	narashtra			
Custon	ners Reference	: Work O	rder no. 4800	055893, Dat	ted 24.07.201	9						
Date of Sampling Sample Received A					Started	Analysis Con	npleted	Repo	rt on Date			
2	0.12.2019	23.12	2.2019	23.12	.2019	26.12.20	19	27.	12.2019			
Sample	<b>Type</b> : Ar	mbient Air			Sample Qty.	& : Filter	Paper (2	nos), Cha	arcoal Tube,			
ULR No	ımber : To	C670919000	006974P		Packing	Blade	der & 50n	nl Plastic E	Bottle (4 nos)			
Locatio	on: M	ain Gate			Sample Cod	e : NIL/A	AA/12/19/	257				
Sr. No.	Test Parai	neter	Me	thod	Unit	MDL*	Re	sults	NAAQS Limit			
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	! (Part-23)	µg/m³	10	6	32.5	100			
2	Particulate Matter	(PM <sub>2.5</sub> )	NIL/AIR	SOP/03 <sup>†</sup>	µg/m³	5	2	29.5	60			
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	! (Part-02)	μg/m³	6.5	1	14.2	80			
4	Oxides of Nitroger	ı (NO <sub>X</sub> )	IS-5182	! (Part-06)	µg/m³	4	2	23.1	80			
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		mg/m³	0.01	1	.19	2 for 8 hrs.			
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182	(Part-11)	µg/m³	1		2.7	5			
7	Ammonia (NH₃)		ISC Part-I	(Method-401)	µg/m³	6	3	32.9	400			
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	1	1.6	100 for 8 hrs.			
9	Benzo - a - Pyrene	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	E	BDL	1			
10	Lead (Pb)		۸ ال ۱ ۱ ۸	r 3 <sup>rd</sup> Edition	µg/m³	0.1	0	).29	1			
11	Arsenic (As)			od 822)	ng/m³	1	E	BDL	6			
12	2 Nickel (Ni)			ou ozz)	ng/m³	1	E	BDL	20			
	Hydrocarbon (HC)				µg/m³	1	2	26.2	***			
14	Sulfur Trioxide (S0	(SO <sub>3</sub> ) By Calculation			µg/m³	8	E	BDL				
15	Acid Mist		ICMA Manual (Part 2)		µg/m³	1		3.0				

### 17 Note:

16

Fluoride

1. \* MDL - Method Detectible Limit.

Hydrogen Chloride (HCI)

- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

IS-5182 (Part-13)

NIOSH 7903

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

Verified by:

Issued by:

Surekha Jamdar

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

Shraddha Kere **Technical Manager** 

0.20

0.08

Dy. Technical Manager A Neterwala Group Company

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

Tel.: +91 022 2760 7102 / 2760 7103 Fax: +91 022 2760 7100

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

0.1

0.01

µg/m³

mg/m³

CIN: U74999MH2003PLC142228







		AMBIEN	IT AIR C	UALITY	MONIT(	ORING RE	PORT	_			
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.				
Addres	SS	: Taloja l	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Mah	narashtra		
Custon	ners Reference	: Work C	rder no. 4800	055893, Da	ed 24.07.201	9					
Date	e of Sampling	Sample	Received	Analysis	Started	Analysis Con	pleted	Repo	ort on Date		
19.12.2019 21.12.2019 21.					.2019	24.12.20	19	25.	12.2019		
Sample	<b>Type</b> : A	mbient Air			Sample Qty.	. & : Filter	Paper (2	nos), Cha	arcoal Tube,		
ULR N	umber : T	C670919000	0006975P		Packing	Blado	der & 50m	nl Plastic E	Bottle (4 nos)		
Locatio	Location : NPK Gate No. 4 Sample Code : NIL/AA/12/19/258										
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	NAAQS Limit		
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	! (Part-23)	µg/m³	10	7	3.4	100		
2	Particulate Matter	(PM <sub>2.5</sub> )	NIL/AIR	/SOP/03 <sup>†</sup>	µg/m³	5	3	9.5	60		
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	(Part-02)	µg/m³	6.5	1	0.6	80		
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	(Part-06)	µg/m³	4	1	5.1	80		
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		mg/m³	0.01	0	.99	2 for 8 hrs.		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	4	1.0	5		
7	Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	3	5.4	400		
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	8	3.4	100 for 8 hrs.		
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1		
10	Lead (Pb)		۸ ۵۱۱۸ ۸	r 3 <sup>rd</sup> Edition	µg/m³	0.1	0	.19	1		
11	Arsenic (As)		į.	od 822)	ng/m³	1	В	DL	6		
12	Nickel (Ni)		(INICAT		ng/m³	1	В	DL	20		
13	13 Hydrocarbon (HC) IS-5182 (Part-11)			(Part-11)	µg/m³	1	3	7.4			
14	4 Sulfur Trioxide (SO <sub>3</sub> ) By Calculation				µg/m³	8	В	DL			
	Acid Mist			nual (Part 2)	µg/m³	1	2	2.8			
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.38			
	l				1		1 -		1		

mg/m³

0.01

#### Note:

1. \* MDL - Method Detectible Limit.

Hydrogen Chloride (HCI)

- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II

Tel.: +91 022 2760 7102 / 2760 7103

- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

**NIOSH 7903** 

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

Verified by:

Issued by:

Shraddha Kere **Technical Manager** 

0.12

**Dy. Technical Manager** A Neterwala Group Company

Surekha Jamdar

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

W-408, Rabale MIDC,

TTC Industrial Area, NAVI MUMBAI - 400 701.

INDIA.

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







		AMBIEN	IT AIR C	UALITY	' MONIT(	oring re	PORT	Ī			
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.				
Addres	is	: Taloja f	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. I	Raigad 41	10208 Mal	narashtra		
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	ted 24.07.201	9					
Date	of Sampling	Sample	Received	Analysis	s Started	Analysis Con	npleted	Repo	ort on Date		
2	0.12.2019	23.12	2.2019	23.12	.2019	26.12.20	19	27.	12.2019		
Sample	Type : A	mbient Air			Sample Qty	. & : Filter	Paper (2	nos), Cha	arcoal Tube,		
ULR No		C670919000	006979P		Packing				Bottle (4 nos)		
Locatio	Location : Near CFB Cooling Tower Sample Code : NIL/AA/12/19/262										
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	NAAQS Limit		
1	Particulate Matter	· (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6	5.7	100		
2	Particulate Matter	· (PM <sub>2.5</sub> )	NIL/AIR	S/SOP/03 <sup>†</sup>	µg/m³	5	3	3.4	60		
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	! (Part-02)	µg/m³	6.5	1	1.1	80		
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	! (Part-06)	µg/m³	4	1	7.8	80		
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		mg/m³	0.01	0	.99	2 for 8 hrs.		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	,	3.1	5		
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	3	6.1	400		
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1		9.6	100 for 8 hrs.		
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	BDL	1		
10	Lead (Pb)		A DLIA A	ir 3 <sup>rd</sup> Edition	µg/m³	0.1	0	.17	1		
11	Arsenic (As)				ng/m³	1	В	BDL	6		
12	2 Nickel (Ni) (Method 82				ng/m³	1	ļ	IDL	20		
13	, , , , , , , , , , , , , , , , , , , ,			<u> </u>	µg/m³	1	ļ	4.3	***		
	, ,,				µg/m³	8		DL			
15	Acid Mist			nual (Part 2)	µg/m³	1	<del></del>	2.5			
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	.17			

mg/m³

#### Note:

1. \* MDL - Method Detectible Limit.

Hydrogen Chloride (HCI)

- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

**NIOSH 7903** 

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

Verified by:

Issued by:

Shraddha Kere **Technical Manager** 

0.10

**Dy. Technical Manager** A Neterwala Group Company

INDIA.

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

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

0.01

CIN: U74999MH2003PLC142228







# Netel (India) Limited AMBIENT AIR QUALITY MONITORING REPORT

	1	AMBIEN	II AIR G	UALITY	MONIT	ORING RE	PUR			
Name o	of Organization	: M/s. De	epak Fertilis	ers And Petro	ochemicals C	orporation Limit	ed.			
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indus	strial Area, P	.O. Taloja Dist. F	Raigad 41	10208 Mah	narashtra	
Custon	ners Reference	: Work O	rder no. 4800	0055893, Dat	ed 24.07.20°	19				
Date	Date of Sampling Sample			Analysis	Started	Analysis Completed		Repo	ort on Date	
20.12.2019 23.1			2019	23.12	.2019	26.12.20	19	27.	12.2019	
Sample Type : Ambient Air					Sample Qty	. & : Filter	Paper (2	nos), Cha	arcoal Tube,	
ULR No	ımber : To	C670919000	006977P		Packing	Blado	der & 50n	nl Plastic E	Bottle (4 nos)	
Locatio	Location : Near IPA Gate Sample Code : NIL/AA/12/19/260									
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Re	sults	NAAQS Limit	
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	5	59.5	100	
2	Particulate Matter	· (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	3	80.8	60	
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	10.2		80	
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	1	6.5	80	
5	Carbon Monoxide	(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	4.0		5	
7	Ammonia (NH <sub>3</sub> )		ISC Part-II (Method-401)		µg/m³	6	32.7		400	
8	Ozone (O <sub>3</sub> )		IS-5182	? (Part-09)	µg/m³	1	11.4		100 for 8 hrs.	
9	Benzo - a - Pyren	e (BaP)	IS-5182	! (Part-12)	ng/m³	0.5	E	BDL	1	
10	Lead (Pb)		ADLIA A	ir 3 <sup>rd</sup> Edition	µg/m³	0.1	0	).38	1	
11	Arsenic (As)			od 822)	ng/m³	1	E	BDL	6	
12	Nickel (Ni)		(2000)		ng/m³	1		BDL	20	
13	Hydrocarbon (HC)		IS-5182	(Part-11)	µg/m³	11	5	60.6		
14	14 Sulfur Trioxide (SO <sub>3</sub> )			lculation	µg/m³	8	E	BDL		
	Acid Mist		ICMA Manual (Part 2)		µg/m³	1	<u> </u>	1.4		
	Fluoride			(Part-13)	µg/m³	0.1		.39		
17	Hydrogen Chloride	e (HCI)	NIOS	H 7903	mg/m³	0.01	0	.09		

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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

A Neterwala Group Company

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

End of Report

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228



ISO 9001:2015





## AMBIENT AIR QUALITY MONITORING REPORT

		WINDIE!!! WILL 6	(0/1=:::	111101111	<b>U</b>		
Name of Organiz	ation	: M/s. Deepak Fertilis	ers And Petr	ochemicals C	orpor	ation Limited.	
Address		: Taloja Plant Plot K-1	, MIDC Indu	istrial Area, P	O. Ta	iloja Dist. Raigad 410	0208 Maharashtra
Customers Refere	Customers Reference : Work Order no. 4800055893, Dated 24.07.2019						
Date of Sampling		Sample Received	Analysi	Analysis Started		alysis Completed	Report on Date
19.12.2019		21.12.2019	21.12	2.2019		24.12.2019	25.12.2019
Sample Type : Ambient Air				Sample Qty	. &	, ,	nos), Charcoal Tube,
<b>ULR Number</b> : TC670919000006976P				Packing		Bladder & 50ml	Plastic Bottle (4 nos)
Location	DK Day Material Storage	Δroa	Sample Co	10	- NII /ΔΔ/12/19/2	50	

Locatio	n : NPK Raw Mat	erial Storage Area	Sample Code	: NIL/A	A/12/19/259	
Sr. No.	Test Parameter	Method	Unit	MDL*	Results	NAAQS Limit
1	Particulate Matter (PM <sub>10</sub> )	IS-5182 (Part-23)	µg/m³	10	71.3	100
2	Particulate Matter (PM <sub>2.5</sub> )	NIL/AIR/SOP/03 <sup>†</sup>	µg/m³	5	37.8	60
3	Sulphur Dioxide (SO <sub>2</sub> )	IS-5182 (Part-02)	µg/m³	6.5	10.6	80
4	Oxides of Nitrogen (NO <sub>x</sub> )	IS-5182 (Part-06)	µg/m³	4	16.7	80
5	Carbon Monoxide (CO)	IS-5182 (Part-10)	mg/m³	0.01	0.97	2 for 8 hrs.
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	IS-5182 (Part-11)	µg/m³	1	1.1	5
7	Ammonia (NH <sub>3</sub> )	ISC Part-II (Method-401)	µg/m³	6	24.9	400
8	Ozone (O <sub>3</sub> )	IS-5182 (Part-09)	µg/m³	1	10.2	100 for 8 hrs.
ÿ	Benzo - a - Pyrene (BaP)	IS-5182 (Part-12)	ng/m³	0.5	BDL	1
10	Lead (Pb)	ADLIA A: Old E III	µg/m³	0.1	0.40	1
11	Arsenic (As)	APHA - Air 3 <sup>rd</sup> Edition (Method 822)	ng/m³	1	BDL	6
12	Nickel (Ni)	(101611100 022)	ng/m³	1	BDL	20
13	Hydrocarbon (HC)	IS-5182 (Part-11)	µg/m³	1	60.0	
14	Sulfur Trioxide (SO <sub>3</sub> )	By Calculation	µg/m³	8	BDL	
15	Acid Mist	ICMA Manual (Part 2)	µg/m³	1	1.7	
16	Fluoride	IS-5182 (Part-13)	µg/m³	0.1	0.27	
17	Hydrogen Chloride (HCI)	NIOSH 7903	mg/m³	0.01	0.17	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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

A Neterwala Group Company

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

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







# Netel (India) Limited AMBIENT AIR QUALITY MONITORING REPORT

		<b>VINRIFI</b>	HAIRG	UALITY	MONIT	ORING RE	PORI				
Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.				
Addres	SS	: Taloja F	Plant Plot K-1	, MIDC Indus	strial Area, P.	O. Taloja Dist. F	Raigad 41	0208 Mah	ıarashtra		
Custon	ners Reference	: Work O	rder no. 4800	)055893, Dai	ted 24.07.201	9					
Date	of Sampling	Sample	Received	Analysis	Started	Analysis Com	pleted	Repo	rt on Date		
1	9.12.2019	21.12	2.2019	21.12	2019	24.12.20	19	25.	12.2019		
Sample	Type : A	mbient Air			Sample Qty.	. & : Filter	Paper (2	nos), Cha	rcoal Tube,		
ULR No	umber : T	C670919000	006978P		Packing	Blado	der & 50m	ıl Plastic E	Bottle (4 nos)		
Locatio	.ocation : NPK Production Unit Sample Code : NIL/AA/12/19/261										
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	sults	NAAQS Limit		
1	Particulate Matter	(PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	5	8.2	100		
2	Particulate Matter	· (PM <sub>2.5</sub> )	NIL/AIR	S/SOP/03 <sup>†</sup>	µg/m³	5	31.3		60		
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	! (Part-02)	µg/m³	6.5	1	1.9	80		
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	! (Part-06)	µg/m³	4	1	7.3	80		
5	Carbon Monoxide	(CO)	IS-5182 (Part-10)		mg/m³	0.01	0	.96	2 for 8 hrs.		
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	4	1.0	5		
7	Ammonia (NH₃)		ISC Part-I	l (Method-401)	µg/m³	6	3	0.6	400		
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	9	0.6	100 for 8 hrs.		
9	Benzo - a - Pyren	e (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1		
10	Lead (Pb)		۸ ال ۱۸ ۸	ir 3 <sup>rd</sup> Edition	µg/m³	0.1	0.	.32	1		
11	Arsenic (As)			od 822)	ng/m³	1	В	DL	6		
12	12 Nickel (Ni)		(IVICATI		ng/m³	1	В	DL	20		
13	Hydrocarbon (HC		IS-5182	(Part-11)	µg/m³	1	6	1.1			
14	Sulfur Trioxide (S	O <sub>3</sub> )	By Ca	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.	.16			

mg/m<sup>3</sup>

# 17 **Note** :

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.

Hydrogen Chloride (HCI)

- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.

**NIOSH 7903** 

- 6. This Test Report refers only to the sample tested.
- 7. 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

0.14

A Neterwala Group Company

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

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

INDIA.

Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

0.01

CIN: U74999MH2003PLC142228







### AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals Co	poration Limite	ed.		
Addres	S	: Taloja P	lant Plot K-1	, MIDC Indus	strial Area, P.	C. Taloja Dist. R	aigad 410	0208 Mal	narashtra
Custon	ners Reference	: Work O	der no. 4800	055893, Da	ed 24.07.201	0			
Date of Sampling Sample Rec			ceived Date	eived Date Analysis		Analysis Complete Date		Report on Date	
20.01.2020 22.01.2			.2020	22.01	.2020	25.01.202	20	27	.01.2020
Sample ULR Nu		mbient Air C670920000	000398P		Sample Qty Packing	: Filter Paper (2 nos), Charcoal Tube, Bladder & 50ml Plastic Bottle (4 nos			
Locatio	on : №	lain Gate			Sample Cod	te : NIL/A	A/01/20/1	177	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	sults	CPCB Limit
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	6:	3.5	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	2	4.7	60
3	Sulphur Dioxide	(SO <sub>2</sub> )	IS-5182	2 (Part-02)	µg/m³	6.5	13.3		80
4	Oxides of Nitroge	en (NO <sub>x</sub> )	IS-5182 (Part-06)		µg/m³	4	2	0.5	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10	0	.91	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )	***************************************	IS-5182 (Part-11)		µg/m³	1	1.8		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-	I (Method-401)	µg/m³	6	15.1		400
8	Ozone (O <sub>3</sub> )	VIV	IS-5182	2 (Part-09)	µg/m³	1	1	3.2	100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	2 (Part-12)	ng/m³	0.5	В	DL	1
10	Lead (Pb)		1011	· ord = ····	μg/m³	0.1	В	DL	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition nod 822)	ng/m³	1	В	DL	6
12	Nickel (Ni)		(Ivieti	100 022)	ng/m³	1	В	DL	20
13	Hydrocarbon (HO	C)	IS-518	2 (Part-11)	µg/m³	1	2	2.6	
14	Sulfur Trioxide (S	SO <sub>3</sub> )	Ву Са	alculation	µg/m³	8	В	BDL	
15	Acid Mist		ICMA Ma	nual (Part 2)	µg/m³	1		3.8	
16	Fluoride		IS-518	2 (Part-13)	µg/m³	0.1	0	.26	

#### Note:

- 1, \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation	on Limite	ed.		
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloj	a Dist. R	aigad 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 Complete Date		plete	Report on Date	
20.01.2020 22.01			.2020	22.01	.2020	2	5.01.202	20	27	7.01.2020
Sample Type : Ambient Air				Sample Qty	. &	: Filter	Paper (2	nos), Ch	arcoal Tube,	
ULR N	umber : T	C670920000	000399P		Packing				*	Bottle (4 nos)
Locatio	on : N	PK Gate No.	. 4		Sample Cod	le	: NIL/A	A/01/20/1	178	
Sr. No.	Test Para	meter	Me	ethod	Unit	IV	IDL*	Res	sults	CPCB Limit
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	2 (Part-23)	µg/m³		10	5	2.8	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³		5	19.1		60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	2 (Part-02)	µg/m³		6.5	13.1		80
4	Oxides of Nitroge	n (NO <sub>X</sub> )	IS-5182	2 (Part-06)	µg/m³		4	1	9.9	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³		10	0	.98	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		μg/m³		1	2.2		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	I (Method-401)	µg/m³		6	28.7		400
8	Ozone (O <sub>3</sub> )		IS-5182	2 (Part-09)	µg/m³		1	1	1.8	100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	2 (Part-12)	ng/m³		0.5	В	DL	1
10	Lead (Pb)		15111	. ord =	µg/m³		0.1	В	DL	1
11	Arsenic (As)		100 100 100	ir 3 <sup>rd</sup> Edition	ng/m³	1	1	В	DL	6
12	Nickel (Ni) (Metho		10u 0ZZ)	ng/m³	1	1	В	DL	20	
13	Hydrocarbon (HC	()	IS-5182	2 (Part-11)	µg/m³		1	2	6.0	
14	Sulfur Trioxide (S	iO <sub>3</sub> )	Ву Са	alculation	µg/m³		8	В	DL	
15	Acid Mist		ICMA Ma	nual (Part 2)	µg/m³	1	1	3.2		
16	Fluoride		IS-5182	2 (Part-13)	µg/m³	1	0.1	0	.19	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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.

Fax: +91 022 2760 7100

Tel.: + 91 022 2760 7102 / 2760 7103

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limit	ed.		
Addres	S	: Taloja F	Plant Plot K-1	, MIDC Indu	strial Area, P.	O. Taloja Dist. I	Raigad 41	0208 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	9			
Date	of Sampling	Sample Re	ceived Date	Analysis	Start Date	Analysis Complete Date		Rep	ort on Date
21.01.2020 23.01.20			.2020	23.01	.2020	27.01.20	20	28	3.01.2020
Sample ULR Nu		mbient Air C670920000	000400P		Sample Qty Packing	: Filter Paper (2 nos), Charcoal Tube, Bladder & 50ml Plastic Bottle (4 nos)			
Locatio	n : N	ear CFB Cod	oling Tower		Sample Cod	le : NIL/A	AA/01/20/	182	
Sr. No.	Test Para	meter	Me	thod	Unit	MDL*	Res	sults	CPCB Limit
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	? (Part-23)	µg/m³	10	5	8.5	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	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	8.0	80
4	Oxides of Nitroge	en (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	2	6.8	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10	1	.23	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	3.2		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	15.1		400
8	Ozone (O <sub>3</sub> )		IS-5182	(Part-09)	µg/m³	1	1	3.9	100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	(Part-12)	ng/m³	0.5	В	DL	1
10	Lead (Pb)		A DULA A	: old = 1111	µg/m³	0.1	В	DL	1
11	Arsenic (As)		LI INCOM WESTING SEC	ir 3 <sup>rd</sup> Edition od 822)	ng/m³	1	В	DL	6
12	Nickel (Ni)		(Meth	100 022)	ng/m³	1	В	BDL	20
13	Hydrocarbon (HC	()	IS-5182	2 (Part-11)	µg/m³	1	3	7.0	()
14	Sulfur Trioxide (S	SO <sub>3</sub> )	Ву Са	lculation	µg/m³	8	В	BDL	
15	Acid Mist	ICMA Manu		nual (Part 2)	µg/m³	1	1 2.8		
16	Fluoride		IS-5182	2 (Part-13)	μg/m³	0.1	0	.29	2000

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

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 Ma	harashtra
Custom	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	9			
Date of Sampling Sample Received			ceived Date	Analysis	Start Date	Analysis Complete Date		Report on Date	
20.01.2020 22.01.2020			.2020	22.01	.2020	25.01.20	20	27	.01.2020
Sample ULR Nu		mbient Air C670920000	000401P		Sample Qty Packing				arcoal Tube, Bottle (4 nos)
Locatio	n : N	ear IPA Gate	)		Sample Cod	le : NIL/A	A/01/20/	179	
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	0.9	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	22.6		60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	13.2		80
4	Oxides of Nitroge	en (NO <sub>X</sub> )	IS-5182	? (Part-06)	µg/m³	4	1	9.9	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10	1	.17	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	2.0		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-I	(Method-401)	µg/m³	6	33.9		400
8	Ozone (O <sub>3</sub> )		IS-5182	? (Part-09)	µg/m³	1	12.9		100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	? (Part-12)	ng/m³	0.5	BDL		1
10	Lead (Pb)		A DULA A	: old = 1111	µg/m³	0.1	Е	BDL	1
11	Arsenic (As)		the res entirests care	ir 3 <sup>rd</sup> Edition od 822)	ng/m³	1	E	BDL	6
12	Nickel (Ni)		(IVIEU	10u 6ZZ)	ng/m³	1	Е	BDL	20
13	Hydrocarbon (HC		IS-5182	? (Part-11)	µg/m³	1	2	26.7	
14			Ву Са	lculation	µg/m³	8	Е	3DL	
15	Acid Mist		ICMA Ma	nual (Part 2)	µg/m³	1		3.3	
16	Fluoride		IS-5182	(Part-13)	µg/m³	0.1	0	0.30	

#### Note:

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

Verified by:

, ,

Issued by:

Surekha Jamdar Dy. Technical Manager

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

Shraddha Kere Technical Manager

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area,

TTC Industrial Area, NAVI MUMBAI - 400 701. INDIA. Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	of Organization	: M/s. De	epak Fertilise	ers And Petro	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 Ma	harashtra
Custon	ners Reference	: Work O	rder no. 4800	0055893, Da	ted 24.07.20°	19			
Date of Sampling Sample Rece			ceived Date	Analysis	Start Date	te Analysis Complete Date		Rep	ort on Date
21.01.2020 23.01.202			.2020	23.01	.2020	27.01.20	20	28	.01.2020
Sample ULR Nu		mbient Air C670920000	000402P		Sample Qty Packing				arcoal Tube, Bottle (4 nos)
Locatio	on : N	PK Raw Mat	erial Storage	Area	Sample Cod	de : NIL/A	A/01/20/	180	
Sr. No.	Test Para	meter	Me	ethod	Unit	MDL*	Re	sults	CPCB Limit
1	Particulate Matte	r (PM <sub>10</sub> )	IS-5182	2 (Part-23)	µg/m³	10	5	3.5	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	2	0.0	60
3	Sulphur Dioxide (	(SO <sub>2</sub> )	IS-5182	2 (Part-02)	µg/m³	6.5	16.8		80
4	Oxides of Nitroge	en (NO <sub>X</sub> )	IS-5182	2 (Part-06)	µg/m³	4	2	1.5	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10	1	.04	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	2.4		5
7	Ammonia (NH <sub>3</sub> )		ISC Part-l	I (Method-401)	µg/m³	6	20.5		400
8	Ozone (O <sub>3</sub> )		IS-5182	2 (Part-09)	µg/m³	1		8.1	100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	2 (Part-12)	ng/m³	0.5	Е	BDL	1
10	Lead (Pb)		A DULA	· old = uu	µg/m³	0.1	E	BDL	1
11	Arsenic (As)			ir 3 <sup>rd</sup> Edition	ng/m³	1	Е	BDL	6
12	Nickel (Ni) (Meth		10u ozz)	ng/m³	1	E	BDL	20	
13	Hydrocarbon (HC	()	IS-5182	2 (Part-11)	µg/m³	1	4	4.8	
14	Sulfur Trioxide (S	SO <sub>3</sub> )	Ву Са	lculation	µg/m³	8	E	BDL	
15	Acid Mist		ICMA Ma	nual (Part 2)	µg/m³	1		2.3	
16	Fluoride		IS-5182	2 (Part-13)	µg/m³	0.1	(	.21	

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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.: +91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## AMBIENT AIR QUALITY MONITORING REPORT

Name o	f Organization	: M/s. De	epak Fertilise	ers And Petro	ochemicals C	orporation Limite	ed.		
Address	S	: Taloja P	Plant Plot K-1	, MIDC Indus	strial Area, P.	O. Taloja Dist. R	Raigad 41	0208 Mah	narashtra
Custom	ners Reference	: Work O	rder no. 4800	055893, Da	ted 24.07.201	19			
Date	of Sampling	Sample Red	ceived Date	Analysis	Start Date	Analysis Complete Date		Report on Date	
21.01.2020 23.01			.2020	23.01	.2020	27.01.20	20	28	01.2020
Sample ULR Nu		mbient Air C670920000	000403P		Sample Qty Packing				arcoal Tube, Bottle (4 nos)
Locatio	n : N	PK Production	on Unit		Sample Cod	de : NIL/A	A/01/20/	181	
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	5	4.9	100
2	Particulate Matte	r (PM <sub>2.5</sub> )	NIL/AIF	R/SOP/03 <sup>†</sup>	µg/m³	5	2	8.0.8	60
3	Sulphur Dioxide (	SO <sub>2</sub> )	IS-5182	? (Part-02)	µg/m³	6.5	!	9.8	80
4	Oxides of Nitroge	en (NO <sub>X</sub> )	IS-5182 (Part-06)		µg/m³	4	1	5.1	80
5	Carbon Monoxide	e (CO)	IS-5182 (Part-10)		µg/m³	10	1	.19	2000
6	Benzene (C <sub>6</sub> H <sub>6</sub> )		IS-5182 (Part-11)		µg/m³	1	1	2.1	5
7	Ammonia (NH <sub>3</sub> )		ISC Part-l	(Method-401)	µg/m³	6	2	23.7	400
8	Ozone (O <sub>3</sub> )		IS-5182	2 (Part-09)	µg/m³	1		8.7	100
9	Benzo - a - Pyrer	ne (BaP)	IS-5182	2 (Part-12)	ng/m³	0.5	Е	BDL	1
10	Lead (Pb)		A DULA A	. old =	µg/m³	0.1	E	BDL	1
11	Arsenic (As)		10 Sept. (Carlot Aug.	ir 3 <sup>rd</sup> Edition nod 822)	ng/m³	1	E	BDL	6
12	Nickel (Ni)		(INIEII	100 022)	ng/m³	1	E	3DL	20
13	3 Hydrocarbon (HC) IS-5		IS-5182	2 (Part-11)	µg/m³	1	2	24.6	
14	Sulfur Trioxide (SO <sub>3</sub> ) By Ca		alculation	µg/m³	8	E	BDL		
15	Acid Mist			nual (Part 2)	µg/m³	1		3.0	
16	Fluoride		IS-5182	2 (Part-13)	µg/m³	0.1	(	).22	()

#### Note:

- 1. \* MDL Method Detectible Limit.
- 2. \*\* BDL Below Detectible Limit.
- 3. † Laboratory SOP, based on CPCB Guidelines Volumns I & II
- 4. Sampling done by Netel (India) Limited.
- 5. This Test Report shall not be reproduced except in full, without written as proval of the Laboratory.
- 6. This Test Report refers only to the sample tested.
- 7. 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.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







### GROUND WATER MONITORING REPORT

20.01.2020 20.01.2020 21.01.2020 24.01.2020 24.01.2020 : Water Sampling done by : Netel (India) Limited Sample Type **ULR Number** : TC670920000000324P Container / Qtn. : Plastic can (2 lit) : NIL/W/01/20/180 Sampling Location : Near ETP Ground Water - B.W Sample Code

Sampin	ing Location : Near ETP (	Sidulla Water - D.W	ample Code	. 111	L/ VV/U 1/20/ 100	
Sr. No.	Test Parameter	Method	Unit	MDL*	Result	Specification as per IS 10500:2012
1	Temperature	APHA 2550-B	°C	0.1	23.9	
2	Colour	IS 3025 (Part 4)	Hazen	5	7	15
3	Odour	APHA 2150-A	Н		Agreeable	Agreeable
4	рН	IS 3025 (Part 11)	_	0.5 - 13.5	7.03	6.0 - 8.5
5	Electrical Conductivity	IS 3025 (Part 14)	mS/cm	0.05	3.339	
6	Total Dissolved Solids	IS 3025 (Part 16)	mg/lit	5	1170	2000
7	COD	IS 3025 (Part 58)	mg/lit	10	<10	250
8	Chloride	APHA 4500-CI	mg/lit	2.5	16.4	250
9	Sulphate	APHA 4500-SO4-E	mg/lit	5	170.0	200
10	Fluoride	APHA 4500-F-D	mg/lit	0.2	0.3	1
11	Nitrate	IS 3025 (Part 34)	mg/lit	0.05	8.3	45
12	Nitrite	IS 3025 (Part 34)	mg/lit	0.01	2.5	
13	Phosphate	APHA 4500-P-C	mg/lit	1	BDL	
14	Sodium	IS 3025 (Part 45)	mg/lit	0.05	83.2	
15	Potassium	IS 3025 (Part 45)	mg/lit	0.05	BDL	
16	Iron	APHA 3111-B	mg/lit	0.03	0.10	0.3
17	Magnesium	IS 3025 (Part 21 & 40)	mg/lit	5	13	30
18	Manganese	APHA 3111-B	mg/lit	0.01	0.01	0.1
19	Mercury	APHA 3112-B (by FIAS)	mg/lit	0.001	BDL	0.001
2.0	Cadmium	APHA 3111-B	mg/lit	0.001	BDL	0.003
21	Selenium	APHA 3111-B	mg/lit	0.005	BDL	0.01
22	Arsenic	APHA 3114-C	mg/lit	0.005	BDL	0.01
23	Lead	APHA 3111-B	mg/lit	0.01	BDL	0.01
24	Silver	APHA 3111-B	mg/lit	0.05	BDL	0.1
25	Zinc	APHA 3111-B	mg/lit	0.01	BDL	5
26	Nickel	APHA 3111-B	mg/lit	0.01	BDL	0.02
27	Aluminium	APHA 3111-B	mg/lit	0.02	BDL	0.03
28	Copper	APHA 3111-B	mg/lit	0.01	BDL	0.05
29	Molybdenum	APHA 3111-B	mg/lit	0.01	BDL	0.07
30	Boron	APHA 4500-B	mg/lit	0.2	BDL	0.5

A Neterwala Group Company

W-408, Rabale MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701. Tel.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

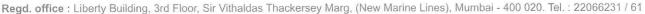
E-mail : sales@netel-india.com Website : www.netel-india.com

CIN: U74999MH2003PLC142228



ISO 9001:2015

vw.tuv.com 9105082996







Sampli	ng Location : Near ETP Gro	und Water - B.W	Sample Code	: N	IL/W/01/20/180	
Sr. No.	Test Parameter	Method	Unit	MDL*	Result	Specification as per IS 10500:2012
31	Total Chromium (as Cr)	APHA 3111-B	mg/lit	0.01	BDL	0.05
32	Hexavalent Chromium (Cr6+)	APHA 3500-Cr-B	mg/lit	0.1	BDL	
33	Cobalt	APHA 3111-B	mg/lit	0.01	BDL	
34	Calcium	IS 3025 (Part 40)	mg/lit	5	65	75
35	Carbonate	IS 3025 (Part 23)	mg/lit	5	0.0	
36	Bicarbonate	IS 3025 (Part 23)	mg/lit	5	226.6	
37	Total Coliform	IS 1622 : 1981	MPN/100ml	0	Absent	Absent
38	Faecal Coliform	IS 1622 : 1981	-	0	Absent	Absent

Note:

- 1. MDL Method Detectible Limit.
- 2. BDL Below Detectible Limit.
- 3. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
- 4. This Test Report refers only to the sample tested.
- 5. 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.: + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228



ISO 9001:2015

ww.tuv.com 0 9105082996





## NOISE LEVEL MONITORING REPORT

Name of Org	anization : M/s. Deepak Fertilisers And Pe	etrochemicals Corpo	oration Limited.			
Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra						
Customers F				Soft Sta		
Instrument M	1cdel : Lutron SL-4033-SD (Class 1)	Instrument Ser	ial No.: Q6407	92		
Date of Samp	ol ng : 03.10.2019	Date of Calibrat				
Date of Repo	orting : 06.10.2019	Next Calibration	n Due: 16.09.	2020		
C. N.			Leq (d	dBA)		
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit	
1	Main Gate	73.4	75	€9.4	70	
2	NPK Gate No. 4	61.9	75	55.4	70	
3	NPK Raw Material Storage Area	65.2	75	€8.7	70	
4	NPK Production Unit	62.2	75	€3.6	70	
5	Near IPA Gate	69.9	75	E9.4	70	
6	Near CFB Cooling Tower	72.1	75	€7.8	70	
7	Ammonia Unloading	73.3	75	£9.5	70	
8	く-6 Plot (Near Main Gate)	69.9	75	€8.6	70	

#### Note:

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

St raddha Kere

Technical Manager

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

A Neterwala Group Company

W-408, Rabele MIDC, TTC Industrial Area, NAVI MUMBAI - 400 701, INDIA Tel.; + 91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999 MH2003PLC142228





### 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. : Q640792Date of Sampling: 22.11.2019Date of Calibration: 17.09.2019

Date of Reporting : 26.11.2019 Next Calibration Due : 16.09.2020

			Leq (dBA)					
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit			
1	Main Gate	72.9	75	69.0	70			
2	NPK Gate No. 4	60.0	75	54.8	70			
3	NPK Raw Material Storage Area	66.5	75	68.7	70			
4	NPK Production Unit	64.1	75	61.7	70			
5	Near IPA Gate	71.8	75	69.8	70			
6	Near CFB Cooling Tower	69.9	75	69.4	70			
7	Ammonia Unloading	72.1	75	68.6	70			
8	K-6 Plot (Near Main Gate)	71.3	75	69.7	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: 022-27607102 / 27607103 / 27606 016 / 20877101 • 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 Org	anization : M/s. Deepak Fertilisers And Pet	rochemicals Corpo	oration Limited.				
Address : Taloja Plant Plot K-1, MIDC Industrial Area, P.O. Taloja Dist. Raigad 410208 Maharashtra							
Customers R	Reference : Work Order no. 4800055893, Da	ated 24.07.2019					
Instrument M	lodel : Lutron \$L-4033-\$D (Class 1)	Instrument Serl	<b>สไ No. •</b> (มีก็407	412			
Date of Samp	ollng : 20.12.2019	Date of Calibrat	ion : 17.09.	2019			
Date of Repo	rting : 24,12.2019	Next Calibration	<b>Due</b> : 16.09.	2020			
_			Leq (	dBA)			
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit		
1	Main Gate	74.4	75	63.7	70		
2	NPK Gate No. 4	59.4	75	58.0	70		
3	NPK Raw Material Storage Area	67.8	75	65.3	70		
4	NPK Production Unit	64.1	75	62.8	70		
5	Near IPA Gate	73.2	75	69.6	70		
6	Near CFB Cooling Tower	69.2	75	66.7	70		
7	Ammonia Unloading	72.8	75	62.3	70		
§	K-6 Plot (Near Main Gate)	72.0	75	69.8	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.: +91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







## NOISE LEVEL MONITORING REPORT

Name of Organization : M/s Reliance Industries Limited							
Address : Nagothane, Taluka Roha, District Raigad - 402 125							
Customers R	Reference : Work Order No. NN0/230030690	, Dated 25.05.2017					
Instrument N	lodel : Lutron SL-4033-SD (Class 1)	Instrument Serial	No.: Q6407	792			
Date of Samp	oling : 21.01.2020	Date of Calibratio	n : 27.09.	2019			
Date of Repo	orting : 24.01.2020	Next Calibration	Due: 28.09.	2020			
			Leq (	dBA)			
Sr. No.	Location	Day	MPCB Limit	Night	MPCB Limit		
1	Main Gate	69.1	75	65.0	70		
2	NPK Gate No. 4	56.7	75	56.8	70		
3	NPK Raw Material Storage Area	71.3	75	68.4	70		
4	NPK Production Unit	58.6	75	56.3	70		
5	Near IPA Gate	64.2	75	64.4	70		
6	Near CFB Cooling Tower	71.8	75	69.4	70		
7	Ammonia Unloading	61.9	75	60.2	70		
8	K-6 Plot (Near Main Gate)	72.5	75	67.8	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.: +91 022 2760 7102 / 2760 7103

Fax: +91 022 2760 7100

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

CIN: U74999MH2003PLC142228







Ref: DFPCL/EHS/DISH/036

Date: 13th Feb 2020

The Jt. Director,
Directorate of Industrial Safety and Health,
6<sup>th</sup> floor, Kokan Bhavan
CBD, Belapur-400614

Subject: Submission of Mock drill Report of DFPCL – K6 unit Drumming plant.

Respected Sir,

We are submitting herewith the report of mock drill, which was conducted on  $30^{th}$  January 2020 at Drumming plant of K-6 DFPCL, at 16:00 hrs. for information and record.

Please acknowledge receipt of the same.

Thanking you,

Yours Truly,

For Deepak Fertilisers & Petrochemicals pvt ltd.

D. S. Pande

Head EHS

Encl: Mock drill Report.

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

Tel: +91 22 5068 4000 Fax: +91 22 2741 2413

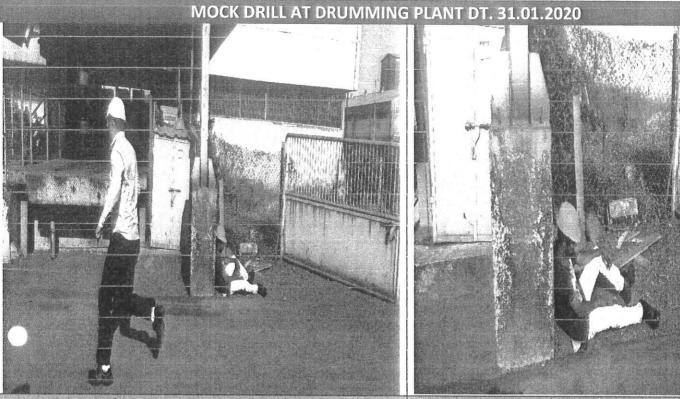
CORPORATE OFFICE: Sai Hira, Survey No. 93, 25 / A1 and 25 / B1, CTS-1130, Mundhwa Ghorpadi Road, Mundhwa, Pune - 411 036

Tel.: 020-6645 8000 Website: www.dfpcl.com CIN: L24121MH1979PLC021360

	*	Mock E	Mock Drill Reporting Format Prepared by:		Checked by:	Approved by:		
6	DFF		Safety/SOP-11/F-01	AGM EHS	GM - EHS	HOD-EHS		
-			PCL K-1 -K-5 & K6	Version	2.0	Date:1-Jun-16		
			n On-site Emerge	ncy Mock d	rill (Level-	-2)		
1.0	Date of Mo		30.01.2020					
2.0	Time of M		16:00 Hrs.					
3.0	I Drumming plant K-6							
	Mock drill							
4.0		nergency /	Isopropyl alcohol (IPA) leak at supply line due to flange leak leading to fire and					
	Scenario burn injury ( Level-2)							
5.0	Details of		1. Mr. Vijay Joshi (Chief Er					
	involved i	n Mock	2. Mr. Wadheendra Nanjar		e (Incident cont	roller)		
	drill:		3. Mr. Nitin Salavkar (Fire					
			4. Mr. Nitin Patil (Primary (		ning plant )			
	İ		5. Mr. Subhash Rana (Sec					
			6. Mr. Satish Sohani ( OHC 7. Mr. Pravin Pawar ( Adja		. 1			
			8. Mr. Shashank Narvekar		1 /			
6.0	Ohacaa '	.   !			I-alai\			
6.0	Observer	s Location	<ol> <li>Emergency Control cent</li> <li>Incident Site (Mr.Sanjay</li> </ol>		iksni)			
			3. Adjacent control room (N					
					aro)			
			4. Occupational Health Centre (Mr Vijay Khare) 5. IPA Control Room (Mr Subodh Mhatre)					
7.0				tion and Action	on .			
Sr. No.	Time		Actions taken			tion / Comment		
	Hrs.							
		mary obs						
1	16:07 Hrs		Drumming Shift In-charge	Mr. Pimple				
			PA leak - in person					
2	16:07 Hrs		out wind direction based or	n nearby wind				
		sock						
II) Act	ion by co	ntrol roor	n:					
1	16:08 Hrs	Received M	lessage from field operator	about IPA leak.				
2	16:08 Hrs		about the IPA leak given to	IPA C/R &		- Assessment - Ass		
		Emergency	control centre					
III) Act	tion at Fi	eld:		**************************************	Accessed the second	11		
1	16:09 Hrs	Emergency	push button operated to sto	op the IPA				
2	16:10 Hrs	Shift In-cha	rge arrived at site					
2	16:10 11=-	Alort sizes	nounded to alore the area.	mandina ta ta				
3	10:10 Hrs	area	sounded to alert the people	working in the				
4	16:11 Hrs Evacuation siren sounded to evacuate the people							
*,		working in the area						
5	16:11 Hrs	Fire & OHC	crew along with Fire tende	r, fire jeep and				
			e arrived at incident site & parked the					
		vehicles co	nsidering the wind direction	S.				
	16:11 Hrs	Area In-charge arrived at site						
6	10.111113	r troa irr orta	igo anivoa at site		i			
6 7			crew shifted semi-cautious	casualty by				

-	ځ	Mock Drill Reporting Format	Prepared by:	Checked by:	Approved by:
		EHS/Safety/SOP-11/F-01	AGM EHS	GM - EHS	HOD-EHS
-		DFPCL K-1 -K-5 & K6 Version		2.0	Date:1-Jun-16
8		Emergency crew members started foar over the IPA spilled area by wearing Sometardant suit			
9	16:13 Hrs	Bunding arrangement also done on dra spill IPA	ain to contain the		
10		Entire Spilled area covered with AR-AF			
11	16:16 Hrs	Area In-charge informed Security In-ch "ALL CLEAR" siren.	arge to blow the		
V) Ac	tion by S	ite Incident Controller (SIC):			
1	16:11 Hrs	Incident controller (Area In charge) arri  • Taken over charge from shift In-charge  • Directed to fire dept. to use foam to or IPA.  • Continuous communication with CEC situation at incident site.  -Taken information about casualty.	ge. cover the spill		
2	16:14 Hrs	Ensured the pump has stopped to avoi spillage			
3	16:16 Hrs	After controlling the emergency, incide informed to Chief Emergency Controlle "ALL CLEAR" siren.			
V) Act	tion by Cl	nief Emergency Controller (CEC	C):		
1	16:09 Hrs	Message received from Security In-cha			
2	16:10 Hrs	Reached to the Emergency Control roothe charge.	om and taken		
		the charge.			
5	16:11 Hrs	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Mainter	for IPA leak, its		
		In Contact with Site incident controller. guiding on status of incident, checked	d for IPA leak, its nance's crew for		
	ation by F	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Maintel the attending the leak.	d for IPA leak, its nance's crew for gency, fire shift ecurity shift In-		
VI) Ac	tion by F	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Mainter the attending the leak.  Ire crew / Fire shift In Charge: On receipt of the message about emer In-charge handed over the charge to so charge & turned out to incident site imm	d for IPA leak, its nance's crew for gency, fire shift ecurity shift In- mediately with		
<b>VI) A</b> c	16:08 Hrs	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Maintenthe attending the leak.  Ire crew / Fire shift In Charge: On receipt of the message about emer In-charge handed over the charge to so charge & turned out to incident site immigrie tender, fire jeep & ambulance.  Fire & OHC crew along with fire tender	d for IPA leak, its nance's crew for gency, fire shift ecurity shift Inmediately with fire jeep and ni-unconscious casualty has		
VI) Ac	16:08 Hrs 16:11 Hrs 16:12 Hrs	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Mainter the attending the leak.  Ire crew / Fire shift In Charge:- On receipt of the message about emer In-charge handed over the charge to so charge & turned out to incident site imr fire tender, fire jeep & ambulance.  Fire & OHC crew along with fire tender ambulance arrived at incident site.  Emergency crew member find one sem (Burn injury) casualty at site. The said	d for IPA leak, its nance's crew for gency, fire shift ecurity shift Inmediately with fire jeep and ni-unconscious casualty has ther treatment.		
VI) Ac	16:08 Hrs 16:11 Hrs 16:12 Hrs	In Contact with Site incident controller. guiding on status of incident, checked spread, casualty etc. Mobilised Mainter the attending the leak.  Ire crew / Fire shift In Charge:- On receipt of the message about emer In-charge handed over the charge to se charge & turned out to incident site imr fire tender, fire jeep & ambulance.  Fire & OHC crew along with fire tender ambulance arrived at incident site.  Emergency crew member find one sem (Burn injury) casualty at site. The said been immediate shifted to OHC for furt	d for IPA leak, its nance's crew for gency, fire shift ecurity shift Inmediately with fire jeep and ni-unconscious casualty has ther treatment. In application over & Fire suit		

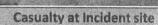
	*	Mock Drill Reporting Format	Prepared by:	Checked by:	Approved by:	
		EHS/Safety/SOP-11/F-01	AGM EHS	GM - EHS	HOD-EHS	
-		DFPCL K-1 -K-5 & K6	Version	2.0	Date:1-Jun-16	
1	16:09 Hrs					
2	16:09 Hrs	6:09 Hrs Informed to CEC, EHS head and HR Head about the incident.				
4	16:16 Hrs Head counting done at K6 Main gate by security supervisor					
VIII) A	ction by	Male Nurse / FMO (OHC Team):	=			
1	16:08 Hrs	Call received from Fire Mgr. Inform to a to reach location.	ambulance driver			
2	16:09 Hrs	Ambulance turn out. Inform to FMO				
3	16:14 Hrs	Casualty reported at OHC				
4	16:15 Hrs	Immediately required treatment has be casualty, checked its BP, pulse etc	en given to the			
IX) Ac	tion to re	duce the Environmental Impac	t:-			
1		ed on the drain channels. Asked to arrai	And the second s	eat contaminate	d water in the ETP.	
8.0	COMME	NT ON RESOURCES:-				
1		found adequate.				
9.0	POSITIV	E POINTS / SHORT COMING O	F THE DRILL:	-		
	Positive	Points				
1	Communic	ation at incident control room & at field	was good.			
2		ontroller briefed the incident to emergency are taking to control the incident.	cy control centre	correctly & info	rmed about the	
3		by Primary observer ,Incident control ro FMO and security were prompt	oom, Site inciden	t controller,Eme	eregency crew	
	Short co	omina				
1		erved near the IPA gate which increase	the Emergency	response time		
2						
10.0	RECOM	MENDATIONS:				
S.N.		Recommendations:	Respon		Target Date	
1	Alternate communication system to be provide for Mr. Sunil Bhave/ Mr. S  Drumming unit ( e.g. Hotline , Walkie-Talkie PA Mokashi system etc)				30.05.20	
2	the securi	ity position of the K6 - the rotation of ty personnel should be minimised to tine trained person availability	The second secon	Contineous/Ongoing		
3	Drumming subject of	s session to be conducted regularly for plant employee & contract worker on onsite Emergency plant & practice tion of Fire fighting equipment	Mhatre		Schedule to be prepared for Half yearly refresher training by 20.02.20	
1	Nome of t	ha Cita Ingidant controller	Mr Wadhaand	Nanianaud )	Bake	
1	The second second	he Site Incident controller of the Site Incident controller	Mr. Wadheendra	a Nanjanguu N	1889 P. S.	
2		he Chief Emergency Controller	Mr. Vijay Joshi		Man.	
			July Coorn		CANA T	
		e Chief Emergency controller	1,2,7 000.11		CO T	



Primary observer rushed towards Drumming C/R



Security guard try to extinguish the Fire





Fire crew arrival at Site Fire S/I guided crew members fo Emergency Mitigation

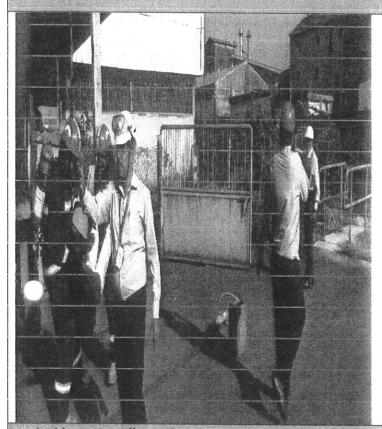
# MOCK DRILL AT DRUMMING PLANT DT. 31.01.2020



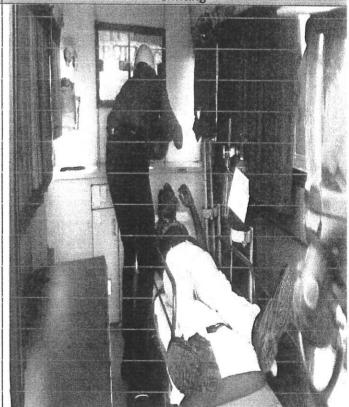
Fire Shift-In charge in action at Site



Incident controller guided crew members for casualty shifting

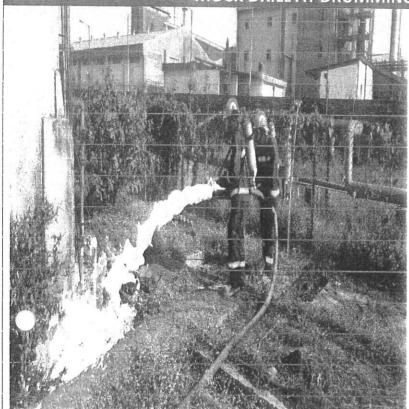


incident controller updated emergency to CEC Operation & Engineering head arrived at site

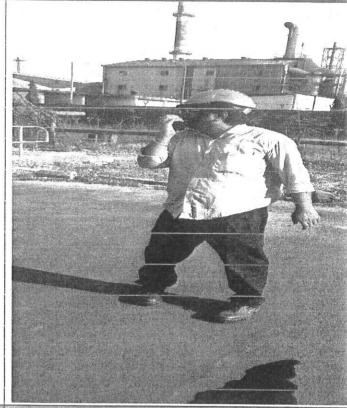


Casualty shifted to OHC

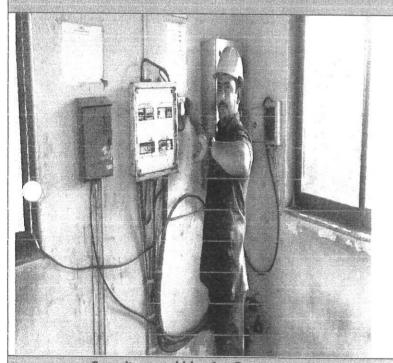
# MOCK DRILL AT DRUMMING PLANT DT. 31.01.2020



Fire crew members applied foam on IPA spilled area



Incident controller guided crew members for casualty shifting

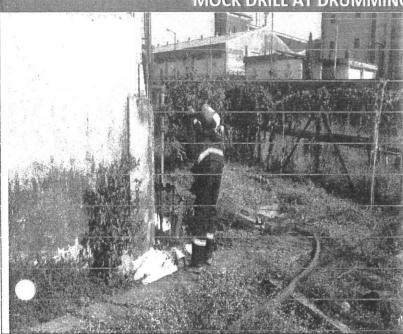


Security guard blowing Emergency Siren



Electrical & Mechanical section head arrived at site

## MOCK DRILL AT DRUMMING PLANT DT. 31.01.2020



LEL checked after controlling the emergency





EHS Head, Engineering Head arrived at site



Employee/Contract workers at assembly point