



DEEPAK FERTILISERS
AND PETROCHEMICALS
CORPORATION LIMITED

DFPCL-K1/EHS/Env/2025-26/10

Date : 26.05.2025.

To,
Additional Principle 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: EC granted for Iso Propyl Alcohol vide file no. (J-11011/218/2004-IA II(I) dt 24.02.2006).

Sub: Half yearly Environmental Clearance Compliance report.

Dear Sir,

Please find enclosed the half yearly EC compliance report of **Iso Propyl Alcohol plant** for the period of **October – 2024 to March – 2025**.

This is for your information and records please.

Thanking you,

Yours faithfully

For DEEPAK FERTILISERS AND PETROCHEMICALS CORP. LTD.,

Jeyaprakash M

Head (EHS)

CC :

1. SRO, MPCB, Raigad Bhavan, 7th Floor, Sector-11, CBD-Belapur, Navi Mumbai – 400614.
2. Ministry of Environment, Forest, 1st Floor, New Administrative Building, Mantralaya, Mumbai – 400032.
3. CPCB Parivesh Bhawan, Opp. VMC Ward Office No. 10, Shubhanpura, Vadodara, Gujarat 390023.

DATA SHEET

1	Project type: River- valley/ Mining / Thermal/ Industry / Nuclear/ Other (specify)	Industry
2	Name of the project	Iso Propyl Alcohol (IPA 70000 MTA) Project at MIDC, Taloja, Maharashtra by Deepak Fertilisers & Petrochemicals Corporation Limited
3	Clearance letter (s) /OM No. and Date	EC granted for Iso Propyl Alcohol vide file no. (J-11011/218/2004-IA II(I) dt 24.02.2006)
4	Location	
	a. District (S)	Raigad
	b. State (S)	Maharashtra
	c. Latitude/longitude	19°04'11.3"N/73°08'04.1"E
5	Address for correspondence	
	a. Address of Concerned Project Chief Engineer (with pin code & Telephone/ telex/ fax numbers	Mr. Jeyaprakash M (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,
	b. Address of Executive Project; Engineer/Manager (with pin code/ Fax numbers)	Same as above
6	Salient features	
	a. of the project	Annexure-A
	b. of the environmental management plans	Annexure-B
7	Breakup of the project area	
	a. submergence area forest & non forest	NA. Project is established in notified industrial area of MIDC.
	b. Others	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. Project is established in notified industrial area of MIDC.
	a. SC, ST/Adivasis	NA. Project is established in notified industrial area of MIDC.
	b. Others (Please indicate whether these Figures are based on any scientific and systematic survey carried out Or only provisional figures, if a Survey is carried out give details And years of survey)	NA

9	Financial details.	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	153.7 Crores
b.	Allocation made for environmental management plans with item wise and year wise Break-up.	Attached.
c.	Benefit cost ratio/Internal rate of Return and the year of assessment	-
d.	Whether (c) includes the Cost of environmental management as shown in the above.	Yes
e.	Actual expenditure incurred on the project so far.	No expenditure during current financial year
f.	Actual expenditure incurred on the environmental management plans so far	Attached as Annexure-10
10	Forest land requirement	
a.	The status of approval for diversion of forest land for non-forestry use	NA. Project is established in notified industrial area of MIDC.
b.	The status of compensatory afforestation program in the light of actual field experience so far	NA. Project is established in notified industrial area of MIDC.
11	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	NA. Project is established in notified industrial area of MIDC.
12	Status of construction	
a.	Date of commencement (Actual and/or planned)	Year 2005
b.	Date of completion (Actual and/of planned)	Year 2006
13	Reasons for the delay if the Project is yet to start	NA
14	Dates of site visits	
a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	NA
b.	Date of site visit for this monitoring report	NA
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

EC - COMPLIANCE REPORT

File No.J-11011/218/2004-IA II (I)

SN	Specific Conditions	Compliance details for Oct 2024 to Mar 2025
i)	The gaseous emissions (SO ₂ , NO _x , NH ₃ & HCl) and particulate matter from various process units shall confirm to the standards prescribed by authority from time to time. At no time the emission levels shall go beyond the stipulated standards. The Stack height shall be as per CPCB guidelines. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Further, the company shall interlock the production system with the pollution control devices.	Complied. '1.'There is no process stack in IPA emitting any gaseous emissions (SO _x , NO _x , NH ₃ , HCL & SPM). All emission stacks are being monitored by third part laboratory. Also three continuous monitoring AAQMS stations are installed connected to CPCB and MPCB portals. 2.The stack height for all consented stack is provided as per CPCB / MPCB guidelines 3.Addition of above Ambient air & all the consented stacks are being monitored by MOEF & CC approved lab. (Refer- Annexure-1 for stack emission report)
ii)	AAQ monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentrations are anticipated in consultation with the MPCB.	Complied. Three continuous monitoring AAQM stations are installed as per guidelines and these are connected to MPCB portal. (Refer- Annexure-2 for Ambient air quality monitoring report)
iii)	Fugitive emissions in the work zone environment, product and raw material storage area shall be regularly monitored. The emissions shall be controlled and confirm to the limits prescribed by CPCB.	Complied. In IPA plant fugitive emissions are hydrocarbon and 11 nos of sensors are installed at critical locations. Workzone monitoring is being monitored for Sox, Nox & CO. (Refer- Annexure-3 for Workzone monitoring report)
iv)	Total water requirement should not exceed 2800 m ³ /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. Water requirement doesn't exceed the limit of water consumption of MPCB CTO. As a part of water conservation waste water of the plants is utilized to reduce fresh water consumption. RO system is installed for waste water utilization. (Refer- Annexure-4 for Treated effluent monitoring report)
v)	The effluent generation shall not exceed 667 m ³ /day. All the effluent shall be treated in the augmented ETP and shall be monitored for the pH, SS, TDS, O & G, BOD, COD, Phosphates & ammoniacal Nitrogen & other relevant parameters. All the treated effluent shall be sent to CETP at Taloja for further treatment. The domestic effluent shall be treated in the existing Sewage Treatment Plant.	Complied. Effluent generation is maintained within the stipulated norms. In IPA plant itself the COD water stream treated in organic recovery column to reduce the COD before sending it to ETP. In addition all the ETP parameters for pH, TSS, TDS, O & G, BOD, COD, Phosphates & ammoniacal Nitrogen & other relevant parameters are being monitored through sampling internally and third party. OCMS is installed for monitoring of ETP parameters (pH, TSS, COD, BOD, NH ₄ N, NO ₃ N, Fluoride, Flow and Temperature.) Treated effluent is sent to CETP Taloja. Domestic effluent is used ETP. (Refer- Annexure-4 for Treated effluent monitoring report)
vi)	The company shall undertake following Waste Minimization measures: * Metering and control of quantities of active ingredients to minimize waste * Reuse of by-products from the process as raw materials or as raw material substitute in other processes. * Use of automated filling to minimize spillage * Use of close feed system into batch reactor * Venting equipment through vapour recovery system * Use of high pressure hoses for equipment cleaning to reduce waste water generation	No active ingredient involved in IPA Propane and Di Isopropyle Ether are the the products from IPA plant and these are sold to customers. We have automated filling system for barrels to avoid the spillage. Our IPA plant is a continuous process and closed filled system is provided to reactor. As such there is no venting equipment however critical vents are connected to flare system. High pressure are used to clean the equipments during shutdowns.
vii)	The solid waste generated in the form ETP sludge shall be stored in HDPE lined secured landfill at the site. Spent catalyst and used oil shall be sold to authorized re-processor.	Complied.

viii)	The project authorities shall strictly comply with the rules and guidelines under MSIHC Rules, 1989 as amended in October, 1994 and January 2000 and HWMH Rules, 2003 as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	Complied. All related provisions of MSIHCR-1989 and HWMHR-2003, with their amendments are complied. Authorization through CTO, valid till 31/03/2026, is obtained from MPCB for collection, treatment, storage and disposal of hazardous waste. (Refer- Annexure-5 for copy of CTO)
ix)	Company shall develop surface/roof top rain water harvesting structures to harvest runoff water for recharge of ground water.	Complied. Rain water harvesting system is provided at WNA 3 & 4 plants.
x)	Green belt shall be provided in at least 25% of the plant area to mitigate the effects of fugitive emission all around the plant. Development of green belt shall be as per CPCB guidelines.	Complied. 33.14 % of plot area is developed as Green belt. In addition to this, green belt on 50 acre of degraded forest land is also developed at Davadi Village which is located near Dombivali forest land. (Refer- Annexure-6 for details of green belt development)
xi)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories act.	Complied. Medical examination of all the workers is done once in a six month as per the factories act and records are maintained.
General Conditions		
i)	Project authorities shall strictly adhere to the stipulations made by the MPCB	Noted. We have submitted compliance report to MPCB towards compliance of conditions of consent to operate.
ii)	At no time the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be put out of operation and shall not be restarted until the desired efficiency has been achieved.	There is no process stack in IPA emitting any gaseous emissions (SO _x , NO _x , NH ₃ , HCl & SPM).
iii)	No further expansion or modification in the plant should be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted.
iv)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the EP Act, 1986, Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied. Acoustic enclosures have been provided to DG sets. Periodic noise monitoring is done by MOEF approved 3rd party laboratory at six different locations and noise level is within the standards prescribed under Noise regulation rule 2000. (Refer- Annexure-7 for noise monitoring report)
v)	The Project Proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report.	Complied. Environment protection measures and recommendations given in EIA.
vi)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry-out the Environmental Management and Monitoring functions.	Complied. A separate Environmental Management Cell equipped with laboratory facilities.
vii)	The Project authorities shall earmark separate funds of Rs 25.80 lakhs to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied. Fund is utilized for implementation of environmental safeguard.
viii)	The Company shall undertake welfare measures and community development measures for the local people in the vicinity of project area.	Complied. The Company has been undertaking welfare measures and community development measures for the local people in the vicinity of project area. (Refer- Annexure-8 for copy of CSR report)
ix)	The implementation of the project vis-a-vis environmental action plan shall be monitored by the Ministry's Regional Office at Bhopal / MPCB / CPCB. A Six monthly compliance status report shall be submitted to monitoring agencies.	Complied. Six monthly compliance reports are being sent to Regional Office of MOEF and MPCB. Last report was sent on 30 Nov 2024. Copy of the same posted on the company's web-site.

x)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the letters are available with the MPCB and may also be seen at website of the Ministry at http:// envfor.nic.in . This shall be advertised within seven days from date of issue of the clearance letter at least in two local news papers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and the copy of the same shall be forwarded to ministry's regional office at Bhopal.	Complied. Proponent has informed to the public vide newspaper that the project has been accorded environmental clearance by the Ministry and copies of the letters are available with the MPCB and may also be seen at website of the Ministry at http:// envfor.nic.in .
xi)	The project authorities shall inform the Regional Office as well as Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. The project authorities has informed to the Regional Office as well as Ministry.
xii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xiii)	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted
xiv)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted

F. No. J-11011/218/2004- IA II (I)
Government of India
Ministry of Environment and Forests
(IA Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

E-mail: pb.rastogi@nic.in
Telefax : 011-24367668
Dated February 24, 2006

To,

✓
Shri S.C. Mehta
Managing Director
M/s Deepak Fertilizers & Petrochemicals Corpn. Ltd.
Plot No. 32, Sector – 16
Opp. Modern College, Vashi
Navi Mumbai – 400 705
Maharashtra.

Fax No. 022 – 2766 2620

Subject : Iso Propyl Alcohol (IPA, 70,000 MPTA) Project at MIDC Area, Talaja, Maharashtra by M/s Deepak Fertilizers & Petrochemicals Corporation Ltd.

Sir,

This has reference to your letter no. nil dated 8th June, 2005 alongwith EIA/EMP report and other related projects documents on the above subject seeking environmental clearance under the Environmental Impact Assessment Notification, 1994.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that the proposal is for environmental clearance to set up an Iso Propyl Alcohol manufacturing unit (70,000 MTPA) adjacent to existing plants in MIDC area, District Talaja, Maharashtra. 33,000 MTPA propane will be generated as by product. The project will be located in the industrial area of Talaja in 30.3492 ha. Iso Propyl Alcohol will be produced by direct hydration of Propylene across a catalyst bed. Air emissions from the boiler will be controlled by installing a stack of adequate height as per CPCB norms. 2,800 m³/d water will be required and will be met from MIDC supply for which prior permission has been obtained. The process effluent will be treated in ETP and will be sent to Common Effluent Treatment Plant (CETP) for further treatment at Talaja. Solid waste will be generated in the form of spent catalyst (Silica gel impregnated with Phosphoric acid) & used oil and will be sold to authorized reprocessors. Public hearing meeting was held on 18th October, 2005. 'NOC' has been accorded by the Maharashtra Pollution Control Board (MPCB) vide letter no. BO/RONM/65-05/E/CC/103 dated 25.04.2005. Total cost of the project is Rs. 153.7 Crores.

3.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under EIA Notification dated 27th January, 1994 as amended subsequently subject to strict compliance to the following conditions:

A. SPECIFIC CONDITIONS :

- i) The gaseous emissions (SO_2 , NO_x , NH_3 & HCl) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. The stack height shall be as per the Central Pollution Control Board guidelines. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Further, the company shall interlock the production system with the pollution control devices.
- ii) Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the MPCB.
- iii) The fugitive emissions in the work zone environment, product, raw material storage area shall be regularly monitored. The emissions shall be controlled and conform to the limits prescribed by the CPCB.
- iv) Total water requirement shall not exceed $2,800 \text{ m}^3/\text{d}$ as per the permission accorded by the MIDC vide letters dated 3.3.04 and 7.7.05. Further efforts shall be made for further conservation of water and utilization of waste water.
- v) The effluent generation shall not exceed $667 \text{ m}^3/\text{d}$. All the effluent shall be treated in the augmented Effluent Treatment Plant (ETP) and shall be monitored for the pH, SS, TDS, Oil & Grease, BOD, COD, Phosphates and Ammonical Nitrogen and other relevant parameters. All the treated effluent shall be sent to CETP at Taloja for further treatment. The domestic effluent shall be treated in the existing Sewage Treatment Plant (STP).
- vi) The company shall undertake following Waste Minimization measures :-
 - Metering and control of quantities of active ingredients to minimize waste.
 - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - Use of automated filling to minimize spillage.
 - Use of "Close Feed" system into batch reactors.
 - Venting equipment through vapour recovery system.
 - Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- vii) The solid waste generated in the form ETP sludge shall be stored in the HDPE-lined secured landfill at the site. Spent catalyst and used oil shall be sold to authorized reprocessors.
- viii) The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000 and Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the State Pollution Control Board must be obtained for collection/treatment/storage/disposal of hazardous wastes.

- (ix) The company shall develop surface/roof top rain water harvesting structures to harvest the run off water for recharge of ground water.
- x) Green belt shall be provided in at least 25 % of the plant area to mitigate the effects of fugitive emissions all around the plant. Development of green belt shall be as per the Central Pollution Control Board guidelines.
- xi) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

B. GENERAL CONDITIONS

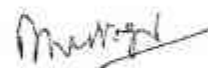
- i. The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB).
- ii. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- iii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- v. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report.
- vi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- vii. The project authorities shall earmark separate funds of Rs. 25.80 Lakhs to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government alongwith the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- viii. The company shall undertake welfare measures and community development measures for the local people in the vicinity of the project area.

- ix. The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bhopal / MPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.
- x. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the MPCB and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Ministry's Regional Office at Bhopal.
- xi. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

4.0. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

5.0. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

6.0. The above conditions will be enforced, inter alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.



(Dr. P.B. RASTOGI)
Additional Director

Copy to:

1. The Secretary, Department of Environment and Forests, Govt. of Maharashtra, Mumbai - 400 001, Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, Link Road No.3, E - 5, Arera Colony, Bhopal - 462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman Maharashtra Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market Building, 4th Floor, Mata Ramabai Ambedaker Road, Mumbai - 400 001, Maharashtra.
5. Joint Secretary (CCI-I) Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.



(Dr. P.B. RASTOGI)
Additional Director

Executive Summary

1.0 Introduction

The Deepak Group of industries one of the major groups in Maharashtra state is proposing to set up India's first plant for manufacturing Isopropyl Alcohol (IPA).in technological collaboration with US-based Equistar-Lyondell. The facility will have a capacity to produce 70,000 tonnes of IPA at its Taloja unit in Raigad District of Maharashtra with a capital outlay of Rs 153.7 crores, meeting India's major requirement of the chemical. IPA is a key ingredient in sectors such as pharma, agrochemicals, organic chemicals, imaging (printing & inks), health care & paint industry.

DFPCL's business can be broadly categorized into the following divisions

- ❖ Industrial Chemicals
- ❖ Ammonium Nitrate
- ❖ Agri-Inputs – Marketing
- ❖ Crop Science Division

1.1 Need For The Project

- ❖ The IPA market in the country has immense potential and the consumption was estimated to be 62,000 MTPA in year 2002 – 2003 and the estimated consumption in the year 2005 would be 72,500 MTPA.
- ❖ IPA is extensively used by pharmaceutical companies, agrochemicals industry and also in manufacturing of inks and other components required for printing.
- ❖ The company will target the huge IPA market in India, which is at present 100 per cent dependent on imports as there are no domestic manufacturers.
- ❖ IPA consumption in the country is growing by around seven percent annually.

1.2 Need For EIA Studies

In all manufacturing industries, the plant activities must co-exist satisfactorily with its surrounding environment so as to reduce the environmental impact caused due to these activities. In order to assess the likely impacts arising out of the proposed

project on the surrounding environment and evaluating means of alleviating the likely negative impacts, if any, from the proposed project, Rapid Environmental Impact Assessment (REIA) studies carried out for various environmental components which are likely to be affected.

The REIA Studies for the proposed IPA manufacturing project deals with detailed studies for various environmental components viz. Air, noise, water, land, biological and socio-economic environment.

1.3 The Surroundings

The industrial area is well connected to the state and national road network. The state highway SH-1 connecting Pune and Thane passes from a distance of 4.0 km from the SW of the site. There is a district approach road connecting the industrial area to the state highway.

The nearest railway station Navada (on Panvel – Diya line) is about 3.5 km west of the site.

Salient Features Of The Proposed Isopropyl Alcohol Plant at Taloja

State	Maharashtra
Village, District	Taloja A. V., Raigad
Nature of the Area	Notified Industrial Area
Mean Maximum Temperature	34° C (Summer)
Mean Minimum Temperature	21.8° C (Winter)
Relative Humidity	64.5 %
Annual Rainfall	1800 mm
Nearest Highway	SH-1
Nearest Port	Mumbai Port
Nearest Railway Station	Navada
Nearest Village	Devichapada, Tondre
Nearest City	Panvel
Nearest Air port	Sahara Air Port, Mumbai
Nearest River	Kasade River
Nearest Forest	No Forest Area
Historical & Sensitive Places	Nil

2.0 Process Description

The process route consists of the following steps to produce Iso Propyl Alcohol (IPA):

- ❖ C3 Splitter Section
- ❖ Reaction And Flash Section
- ❖ Distillation Section
- ❖ Molecular Sieve Section

Iso Propyl Alcohol (IPA) is produced by direct hydration of propylene across a catalyst bed.

Catalyst



2.1 Resources required

The major raw material required is propylene (refined grade), for which the plant authorities have a tie up with Bharat Petroleum Corporation Ltd. (BPCL) for long term exclusive supply for the proposed project. The other raw materials required is phosphoric acid, silica gel, etc are procured from the local market/suppliers.

The total water required for the proposed IPA plant is around 2785.2 m3/day. The water required is met from MIDC water supply. The total power required for the proposed project is around 3626 kW, this met from captive power plant 2 x 4.5 MW of the parent organisation which is having a spare capacity of 4.5 MW. The major utilities required for the proposed project are boiler, Cooling tower, DM plant, etc.

The parent organization is having land of 30.3492 hectares in the MIDC industrial area of Taloja part of the land in the existing unit will be used for proposed plant. As per the MIDC norms the ratio of total plinth area to the net plot area should not be more than 0.35 After establishment of the proposed project the ratio of the total plinth area to the net plot area would be 0.293, which is well within the MIDC norms.

3.0 Baseline

Baseline environmental status in and around proposed project depicts the existing environmental conditions of air, noise, water, soil, biological and socio-economic environment.

The 24 hourly average windrose for the entire study period reveals that winds were blowing from all directions. The most dominant direction observed was NE followed by NNE, ENE and N. The maximum, minimum and mean temperature observed to be 41°C, 19.1°C and 29.5°C respectively. The mean relative humidity observed during the study period is 64.5%.

3.1 Ambient Air Quality

A total of 9 ambient air quality monitoring stations were selected. Maximum, Minimum, Average and Percentile values have been computed from the raw data collected.

- The 98th percentile of SPM levels are in the range of 58.2 TO 149.6 µg/m³
- The 98th percentile of RPM levels are in the range of 20.2 to 50.1 µg/m³
- The 98th percentile of SO₂ levels were in the range of 7.5 to 11.3 µg/m³
- The 98th percentile of NO_x levels were in the range of 12.8 to 19.3 µg/m³

The 24 hourly average values of SPM, RPM, SO₂ & NO_x were compared with the national ambient air quality standards and it was found that all the sampling stations recorded values lower than the applicable limit for residential areas.

3.2 Noise Environment

Assessment of equivalent day and night noise levels at 11 locations in and around the plant site reveal that noise levels are ranging from 37.5 to 57.2dB(A), which can be taken as the existing baseline status. The day equivalent values calculated considering the noise levels recorded from 6 AM to 9PM. The values were found to be ranging between 49.23 dB (A) at Valap to 53.71 dB (A) at Plant site 1.

Similarly night equivalent noise levels were calculated using the noise levels recorded from 10 PM to 5 AM. These values are critical since they affect the sleep in the residential and sensitive areas. The night equivalent values were found to be ranging between 41.76 dB (A) at Ghot to 44.27dB (A) at Khanav. The noise equivalents observed were within the standards as per CPCB for Residential areas and commercial areas respectively.

3.3 Water Quality

A total of nine water samples (two surface water and seven ground water samples) have been collected from the study area.

The analytical results of the samples collected from the study area were compared with the drinking water standards IS 10500 to check for the portability.

Ground water

From the analytical results of ground water we can see that the pH of the water is ranging from 7.06 to 8.5 at valvali. The pH limit fixed for drinking water is 6.5 to 8.5 beyond this range the water will affect the mucus membrane and water supply system, in the study area the pH in the samples collected were well within the limits.

The Dissolved solids in the ground water samples are ranging from 210 at MIDC area to 560 mg/l at Pali. Except for the water sample at Ghot, Navade and Pali all samples were within the desirable limit of 500 mg/l where as other samples are within the permissible limit of 2000 mg/l. The chloride value is ranging from 14 mg/l at MIDC area to 95 mg/l at Navade, however the desirable limit is 250 mg/l and the permissible limit is 1000 mg/l.

Fluoride is the other important parameter, which has both higher and lower limits. The optimum content of fluoride in the drinking water is 0.6 to 1.5 mg/l. If the fluoride content is less than 0.6 mg/l it causes dental carries, above 1.5 mg/l it causes staining of tooth enamel, higher concentration in range of 3 – 10 mg/l causes fluorosis. In the study area the fluoride value were in the range of 0.4 mg/l to 1.1 mg/l.

Surface water

Two samples were collected from Gadi and Kasardi river. The samples showed pH of 7.4 and 7.7 respectively. Total dissolved solids were found to be 208 mg/l and 510 mg/l while chlorides were found to be 35 mg/l and 92 mg/l respectively. The surface water samples did not show any high fluoride concentrations.

3.4 Soil Quality

The analytical results of the 7 soil samples collected during the study period are summarized below.

The pH of the soil is an important property; plants cannot grow in low and high pH value soils. Most of the essential nutrients like N, P, K, Cl and SO₄ are available for plant at the neutral pH except for Fe, Mn and Al which are available at low pH range. The pH values in the study area are varying from 6.81 to 7.72 showing neutral only.

The other important parameters for characterization of soil for irrigation are N,P,K. the nitrogen value is varying from 5 to 122 meq/100gm, Phosphorus value is varying from 2.6 to 28 meq/100gm and Potassium value is varying between 11 to 136 mg/kg. All three parameters are showing that the soils require addition of N, P, K as they are falling low grade soils.

4.0 Identification Of Impacts

Any developmental activity in its wake will bring about some impacts associated with its origin, which can be broadly classified as reversible, irreversible, long and short-term impacts.

4.1 Construction Related Impacts

Since the project is proposed to be established adjacent to the existing parent industry, no major construction activity like leveling, movement of earth etc are envisaged. The most likely changes, if any, on the environment during the construction phase would be controlled by sprinkling water on road surfaces and covering the trucks with plastic sheets while moving in and out of the plant.

Generation of noise is due to operation of heavy equipment's and increased frequency of vehicular traffic in the area. However, these impacts are short term, intermittent and temporary in nature.

4.2 Operation Related Impacts

Air Environment

Prediction of impacts from the proposed IPA plant on the ambient air quality was carried out using air quality simulation models. The main sources of pollution envisaged from the plant are Fugitive emissions and Point source emissions (Boiler, DG set).

The fugitive emissions will be resulted from various operations and are expected due to evaporation losses. Even though the are within the standards for further reducing the evaporation losses by proper maintenance of all pipelines, reactors etc through regular timely maintenance and as well as by adopting good production practices.

To meet the steam requirements of the process, a boiler with a capacity of 30 TPH is proposed using a mixture of Furnace oil and Purge gas. The total fuel requirement per day would be to the tune of 52TPD of Furnace oil and 12 TPD of

purge gas, which is generated in the process of manufacture of IPA. Modeling has been carried out for 30TPH boiler emissions as a worst case to study the predicted increase in ground level concentrations due to the plant activities.

Stack and Emission Details

Stack No	Attached to	Height (m)	Dia. (m)	Velocity (m/s)	Volume NM ³ /hr	Temp. ° K	SPM g/s	SO ₂ g/s
1	Boiler 30TPH	63.5	1.4	15	51550	443	0.60	42

Predictions were carried out as per CPCB guidelines "Assessment of Impact to Air Environment: Guidelines for conducting air quality modeling" for pre monsoon season. The future predicted concentrations estimated by super imposing the predicted values over the base line values and presented in following table.

Predicted baseline values of SPM and SO₂ in SW direction

Pollutant	Baseline Max. Value - (µg/m ³)	Predicted Max. contribution to GLC's - (µg/m ³)	Predicted future AAQ concentration - (µg/m ³)
Particulate Matter	156	0.281	156.28
Sulphur dioxide (SO ₂)	12	19.70	31.70

(24 hrly average)

Water Environment

The entire wastewater generated 667 m³/day is treated in the existing effluent treatment plant before sending to Common CETP (used as dilution water) for further disposal. However, to meet the new demands, slight modifications are proposed in the existing ETP. The effluents after treatment will be routed to Taloja Common effluent Treatment plant Co-op Society Ltd for final disposal. Hence impact on ground water quality is not envisaged.

Land Environment

Solid waste generated from the proposed plant is from process (spent catalyst) expected to be in a small quantity 60 Tons per two years. And Calcium phosphate of around 1 TPM from ETP.

As the entire solid waste generated is sold authorized agents no damage is envisaged on the land environment.

CHAPTER-V ENVIRONMENTAL MANAGEMENT PLAN

5.0 Objective

The purpose of the Environmental Management Plan (EMP) is to minimize the potential environmental impacts from the project and to mitigate the consequences. EMP reflects the commitment of the project management to protect the environment as well as the neighbouring populations. The potential environmental impact envisaged from the project is studied on the following environmental components:

- Air pollution from the stacks
- Fugitive emissions
- Water pollution due to the wastewater generation
- Soil pollution due to solid waste disposal

The management action plan aims at controlling pollution at the source level to the possible extent with the available and affordable technology followed by treatment measures before they are discharged. The following additional mitigation measures are recommended in order to synchronize the economic development of the study area with the environmental protection of the region.

5.1 Environmental Management Plan

Preparation of Environmental Management Plan is required for formulation and monitoring of environmental protection measures during construction and operation of proposed plant. The plan should indicate the details as to how various measures proposed to be taken for mitigation of adverse impacts if any from the proposed project.

The following sections describe the Environmental Management Plan for proposed IPA Plant during construction and post construction phases.

5.2 Construction Phase

The construction activity includes the handling of the construction material and equipment, vehicular movement etc.

The major culprit during any construction activity is the fugitive emission that is released from the construction activity and the vehicular movement during the

construction. Dust control is a major issue during the construction phase along with the waste water generated from the construction and the domestic sewage generated by the construction camp, oil and material spillages during the handling and the transportation of the construction material and the solid waste generated during the construction.

Dust suppression is achieved by spraying water on the unpaved roads and covering the trucks transporting the construction material with tarpaulin or other covers and taking steps to minimize spillages during the transport and the handling of the material.

Noise effect on the nearby habitation during construction activities will be negligible as the nearest habitation is more than 1 km from the plant. However construction labour would be provided with noise protection devices like ear muffs, and occupational safety ware. It is recommended that all noise generating equipment to be stopped during night timings.

The waste oil generated by construction equipment would be disposed through authorized recyclers and unauthorized dumping of waste oil is prohibited.

Adequate security arrangement should be made to ensure that the local inhabitants and the stray cattle are not exposed to the potential hazards of construction activities.

5.3 Post Construction Phase

Project authorities are planning to implement several measures to curtail pollution to the maximum extent. Environment management at design stage includes all the steps undertaken at the design stage by the project proponents to meet the statutory requirements and towards minimizing environmental impacts.

The design basis for all process units will lay special emphasis on measures to minimize effluent generation and emission control at source. The specific control measures related to gaseous emissions, liquid effluent discharges, noise generation, solid waste disposal etc. are described below:

5.3.1 Air Environment

The suspended particulate matter, Sulphur dioxide and Oxides of Nitrogen concentrations in the ambient air will increase slightly due to the emissions from the proposed boiler. The desired stack height of 63.5 m will be provided as per the

guidelines issued by the CPCB for the proposed boiler for the effective dispersion of the pollutants.

The sources of air emission from the plant are a) Point source (Boiler) emissions
b) Non Point source (Fugitive) emissions

a) **Point Source (Boiler) Emissions**

One of the main sources of air pollutants from proposed project is the use of fuels for energy requirement. For steam requirements of the plant, one boiler of 30 TPH is being proposed.

Particulate matter, SO_2 and NO_x are the major emissions from the plant. However as the fuel proposed to be used for boiler being furnace oil and purge gas Particulate matter envisaged is negligible, and for proper dispersion of SO_2 and NO_x into surrounding environs; stack height has been maintained as per the existing norms. The details of the stack height calculations are given in Table 5.1.

A stack height of 63.5 m is provided as per MoEF guidelines. And for 75 KVA DG set a stack height of 2 meters above the building is proposed.

In addition to above boiler ^{operation} is controlled by programmable Logic Control - Supervisor Control and Data Acquisition System, (PLC-SCADA) based system.

Table 5.1
Details of Stack height calculation for Boiler and DG

Boiler	Specifications
Capacity	30TPH
Fuel Consumption	52 TPD furnace oil and 12 TPD Purge gas
Sulphur %	0.35% furnace oil
Sulphur dioxide content	$52000 \times 0.035 \times 2/24 = 151.7 \text{ kg/hr}$
Stack height as per MoEF	$14 (\text{SO}_2 \text{ kg/hr})^{0.75}$
Stack Height H meters	$14(151.7)^{0.75} = 63.15 \text{ m}$
proposed stack height	63.5 m
Particulate matter control system	Cyclone and programmable Logic Control – Supervisor Control and Data Acquisition System, (PLC-SCADA) based system. <i>OK</i>
DG set	
Capacity	75 KVA
Stack height as per MoEF	$H = h + 0.2 \sqrt{\text{KVA}}$
Stack height H meters	Height of building $+ 0.2 \sqrt{75 \text{ KVA}} = 1.73 \text{m}$ or say 2 meters

b) Non Point source (Fugitive) emissions

To control the fugitive emissions during various operations in the proposed plant, management is proposing dedicated pipe lines from one section to another section, and all reactor and storage tanks are provided with vent condensers. The details of the control measures proposed are given in Table 5.2.

Table 5.2
Control measure proposed for controlling Fugitive emissions

S. No	Description	Control Measure
1	To Control losses during transferring from section to section	Dedicated pipelines, solvent storage tanks provided with vent condensers
2	To Control losses during manufacturing process	All reactor are provided with vent Condensers

5.3.2 Air Quality Monitoring

a) Stack Gas Monitoring

Provisions will be made in the stack for carrying out stack gas analysis as per the laid out guidelines. The monitoring would be carried out regularly as per the conditions in the consent to operate.

b) Ambient Air Quality Monitoring

The concentration of SPM, SO₂ and NO_x in the ambient air outside the project boundaries and in the adjoining villages should be monitored as per the direction of the state pollution control board.

5.4 Water Environment

The water requirement at maximum production would be 2765.2 m³/day, for all its purposes including process, floor and reactor washings, boiler, cooling tower, canteen/ domestic requirements. The total wastewater generated from the proposed project is 667 m³/day. The details of waste water generation are given in Table 5.3

Table 5.3
Wastewater Generation Details- m³/day

S.No	Description	Effluent	Remarks
1	Domestic	1.2	STP
2	Cooling tower	249.8	ETP
3	DM Plant	57.6	ETP
4	Process, reactor wash, floor washes, etc	317.328	ETP
		14.52	ETP
		2.604	STP
5	Boiler	24	ETP
6	Export	0	-
Total		666.912	

5.4.1 Effluent Treatment Plant Details

1. Details of Proposed IPA plant

The process effluents originating from proposed IPA plant consist of Phosphates. The Phosphates containing effluents treated with milk of lime in Reaction Tank 1. The lime mixed effluent is sent to Clarifloculator where sludge, as calcium

phosphate, is separated. The separated sludge is centrifuged and solids are separated. The mother liquid is sent to parent industry ETP for further treatment and the treated wastewater is sent to CETP for final disposal.

The effluent from utilities (boiler, DM plant and Cooling tower) are added to Reaction tank III of the parent industry treatment plant (effluent after ammonia stripping).

The domestic sewage along with part of the process water containing COD is sent to parent industry sewage treatment plant for treatment.

2. Details of Existing Effluent Treatment Plant of Parent Organization

The effluents generating from the various plants essentially consists of Ammonical – nitrogen, Nitrate – Nitrogen, phosphates. The treatment facilities are described below.

Designed capacity 3600 m³/day,
Present Load 2742.3 m³/day

a) Phosphate removal

The process effluent stream coming from Ammonium Nitrate Phosphate (ANP) plant and tank farm is first equalized in the Collection/holding tank (CT I) and pumped to Reaction tank – I to raise the pH up to 9.0 by adding lime. The overflow through gravity will go to clarifloculator for separation of calcium phosphate sludge. The sludge is sent to centrifuge and the centrate is sent back to CT 1 and the sludge cake is disposed off. The treated effluent is sent to Reaction tank IIA.

b) Disassociation of ammonia

The effluent streams from Low density ammonium nitrate (LDAN) plant, Tank farm ammonia, Ammonia Plant, and Weak Nitric acid (WNA) plant, Ammonia plant floor washings are collected in Collection/holding tank (CT II) and through gravity flows to Reaction Tank IIA.

The pH in the Reactions Tank IIA is maintained around 10.5 to 11 by addition of caustic, so that at this pH ammonium ion present in the effluent get dissociated into ammonia gas and H⁺ ions.

c) Ammonia stripping

The effluent containing dissociated ammonium gas is sent to two-stage ammonia stripping plant. At 1st stage ammonia stripping the pH of the effluent falls down from here the effluent flows to Reaction Tank IIB where pH is again raised to around 10.5 to 11 and then pumped to 2nd stage ammonia stripping. At this stage the ammoniacal nitrogen in the effluent will be around 108 mg/l. This effluent stream further requires treatment prior to biological denitrification process for nitrate nitrogen removal.

The above treated effluent is collected in Reaction Tank III which is neutralized by addition of DM plant wastewater and diluted with cooling tower blow down so that the ammoniacal nitrogen concentration is around 50 mg/l (which can be treated biologically by denite bacteria). In case the cooling tower blow down is not available, the treated effluent is recycled back to the system.

d) Nitrate -N and Nitrite -N removal

The treated wastewater from Reactions tank III which still contains Nitrate -N and Nitrite -N is subjected to two stage denitrification in denite bioreactor. The stage I denite bioreactor is equipped with 3 nos 10 HP agitators and stage II denite bioreactor is equipped with 3 nos 75 HP agitator. The treated water from stage I denite bioreactor goes to clarifier I for separation of suspended biomass part of the biomass is recycled for stabilization and excess sludge is sent to sludge drying beds.

Provision is made for addition of methanol as organic carbon source for heterotrophic denite bacteria.

e) Polishing/aeration

The treated wastewater over flowing from denite clarifier is collected in polishing aeration tank which is provided with polishing diffuse aeration grids to increase the Dissolved oxygen of the treated effluent before discharged in to CETP Sewer line.

The details of Units of ETP are given Table 5.4 and the characteristics of wastewater before and after treatment are given in Table 5.5.

Table 5.4
Existing Treatment Facilities

S. No	Code No	Units
1	CT I	Collection /holding Tank, CT-I
2	RT I	Reaction Tank-I
3	CF I	Clarifloculator
4	AS I	Ammonia stripper Stage-I
5	AS II	Ammonia stripper Stage-II
6	RT IIA	Reaction Tank-IIA
7	RTIIB	Reaction tank -IIB
8	RT III	Reaction Tank-III
9	DN I	Denitrification tank stage-I
10	CL I	Clarifier stage-I
11	DN II	Denitrification tank stage- II
12	CL II	Clarifier stage-II
13	PT	Polishing tank

Table 5.5
Wastewater Characteristics – Before & After Treatment

S. No	Parameters	Units	Before			After Range
			Process, washes, etc	CT, Boiler, DM	Domestic & Process	
1	PH		6.0-7.0	6.0-7.0	6.5-8.0	5.5 to 9.0
2	Suspended solids	Mg/l	99	21	147	< 100
3	BOD	Mg/l	146	18	507	<100
4	COD	Mg/l	247	23	845	<250
5	Oil & Grease	Mg/l	<10	<5	<5	<10
6	TDS	Mg/l	697	-	831	<800
7	Amm. Nitrogen	Mg/l	94	-	-	<50
8	KJ Nitrogen	Mg/l	247	-	-	-
9	Phosphates	Mg/l	90	-	-	<1

The entire wastewater generated is treated and sent to CETP for further disposal along with treated effluent at CETP. The present existing Effluent treatment system will be modified to treat the effluents generated from the proposed IPA plant to the standards laid down by the MPCB. The flow sheet of proposed modification in existing ETP for handling the phosphate bearing effluents and the existing plant is shown below

3) Domestic Sewage Treatment Plant

The sanitary sewage wastewater and part of process wastewater containing biodegradable matter which is around 3.864 m³/day will be treated in the existing sewage treatment plant (STP) of capacity 168 m³/day. The STP comprises aeration tanks followed by clarifier. The existing sewage treatment plant consists of settling tanks, aeration tanks, and clarifiers.

5.4.2 Monitoring of Waste Treatment

All the treated effluents shall be monitored regularly for the flow rate and quality to identify any deviations in performance of effluent treatment plants. Appropriate measures would be taken if the treated effluent quality does not conform to the permissible limits.

5.4.3 Storm Water Drainage

Based on the rainfall intensity of the proposed area, MFC drainage system is designed on the basis of the storm water flow.

Storm water drainage system consists of well-designed open surface drains network so that all the storm water is efficiently drained off to without any water logging.

5.5 Noise level management

The incremental noise level due to the proposed plant will be in the range of 45 dB (A) to 49 dB(A) near the plant boundaries in all the directions. The ambient noise levels in the region are within permissible limits.

During purchasing of the major noise generating equipments all necessary control measure will be include in design requirements to have minimum noise levels meeting occupational safety and health association (OSHA) requirement. Appropriate noise barriers/shields, silencers etc. would be provided in the equipment. The noise control is taken in the following ways, namely;

- ❖ By selecting low noise prone equipment

- ❖ By isolating the noise prone unit from the working personnel's continuous exposure
- ❖ By administrative control,

The administrative control would have a major role to monitor noise, take remedial measures and ensure that no plant personnel is over exposed to noise.

Recommendations

- ❖ The use of damping material such as thin rubber/lead sheet for wrapping the work places like turbine halls, compressor rooms etc;
- ❖ Shock absorbing techniques should be adopted to reduce impact;
- ❖ Efficient flow techniques for noise associated with high fluid velocities and turbulence should be used (like reduction in noise generated by control levels in both gas and liquid systems achieved by reducing system pressure to as low as possible);
- ❖ All the openings like covers, partitions should be acoustically sealed;
- ❖ Inlet and outlet mufflers should be provided which are easy to design and construct;
- ❖ Ear plugs will be provided to workmen working near high noise generating sources;
- ❖ Noise levels should be reduced by the use of absorbing material on roof walls and floors;
- ❖ Increase the distance between source and receiver by altering the relative orientation of the source and receiver. Noise level at the receiver end reduces in inverse proportion to the square of the distance between the receiver and the source;
- ❖ Provision of separate cabins for workers/operators; and

- ❖ The industrial compound should be thickly vegetated with species of rich canopy

The plant already having an in-house environmental laboratory for the routine monitoring of air, water, soil and noise. For all non-routine analysis, the plant may utilize the services of external laboratories and facilities.

5.6 Solid Waste Management

The main solid waste generated from proposed IPA plant are Calcium phosphate 1 TPD from treatment plant and spent catalyst 60 Tons for two years from manufacturing process. The entire solid waste is sold to authorized agents collecting solid waste.

Table 5.6
Solid Waste Generation & Disposal

Solid Waste	Generation, TPA	Disposal Method
Silica gel	60 Tons per two years	Will be sold to MPCB authorized solid waste collecting vendor
Calcium phosphate	1 TPD	

5.7 Green Belt Development

The purpose of a greenbelt around the plant site is to capture the fugitive emissions, attenuate the noise generated and improve the aesthetics. The greenbelt at the plant site would form an effective barrier between the plant and the surroundings. Open spaces, where tree plantation may not possible, will be covered with shrubs and grass to prevent erosion of topsoil. Adequate attention will be paid to plantation of trees, their maintenance and protection. During commissioning of the project management is proposing to develop a greenbelt all along the boundary wall of plant, along the roads, and surroundings of the production block, boiler, ETP, etc.

A Green belt with 2500 plants is developed in the plant area consisting of species like, Gulmohar, Bamboo, Karanj, Jambhool, Astumbul, and Neem. Annually and proposed to add around 200 plants per year.

5.7.1 Plant Species for Greenbelt

While selecting the plant species for the proposed green belt, the following guidelines will be considered:

- ✱ Fast growing type
- ✱ Should have a thick canopy cover
- ✱ Should be perennial green
- ✱ Native origin
- ✱ Should have a large leaf area index.

5.7.2 Design of Green Belt

As far possible the following guidelines will be considered in green belt development.

- ✱ The spacing between the trees will be maintained slightly less than the normal spaces, so that the trees may grow vertically and slightly increase the effective height of the green belt.
- ✱ Planting of trees in each row will be in staggered orientation.
- ✱ In the front row shrubs consisting of *Callistemon*, *Prosopis* etc. will be grown
- ✱ Since the trunks of the tall trees are generally devoid of foliage, it will be useful to have shrubs and trees in front of the trees so as to give coverage to this portion.
- ✱ Shrubs and trees will be planted in encircling rows around the project site
- ✱ The short trees (< 10 m height) will be planted in the first two rows (towards plant side) of the green belt. The tall trees (> 10 m height) will be planted in the outer three rows (away from plant side).

Tall trees one line and short trees one line will be planted around the boiler house, DG set room and around the production blocks to control the fugitive emissions and to reduce the noise.

The list of plants proposed to be planted in future for developing greenbelt are given in Table 5.7 to 5.10

Table 5.7

Plant Species Recommended For Reduction Of Noise Level

S. No	Scientific Name	Common Name
1	Azadirachta indica	Neem
2	Aegle marmelos	Bel
3	Calbozia tiorera	Dhala sirisa
4	Carissa carandas	Kareunda
5	Peltophorum inerme	Perungandrai
6	Saraca indica	Asoka
7	Syzygium cumini	Zaman
8	Tamarindus indica	Imli
9	Pongamia pinnata	Beng
10	Cassia siamea	Chakundi

Table 5.8

Plant Species Recommended For Protection Against Gases And Particulates

S. No	Scientific name	Common Name
1	Butea monosperma	Dhak
2	Cassia fistula	Amaltas
3	Cassia siamea	Kassod
4	Citrus toona	Mahanim
5	Dalbergia sissoo	Shisham
6	Dillenia indica	Chalta
7	Ficus religiosa	Pipal
8	Hardwick binata	Anjan
9	Maduca indica	Mahua
10	Millingtonia hortensis	Akash nim

Table 5.8
Suggested Plant Species For Green Belt Development

S. No	Scientific name	Common Name
Large Plants		
1	Cedreola toona	Mahanim
2	Dalbergia sissoo	Shisham
3	Azadirachta indica	Neem
4	Delonix regia	Gul mohr
5	Millingtonia hortensis	Aksh nim
6	Moriosops elengi	Maulsari
7	Peltophorum inerme	Perungondrai
8	Samanea saman	Debdari
9	Thespisia populnea	Paras papal
Medium Plants		
1	Cassia siamca	Kassod
2	Dillenia indica	Chalta
3	Mathuca indica	Mahua
4	Casuriana equisetifolia	Jungali Suru
5	Pongamia pinnata	Beng
6	Tabulia spaciola	-
7	Ticoma stans	
8	Terminalia catappa	Jangli badam
9	Thevetia peruviana	Pile kamer
10	Lucena leucocophala	Subabul
Small Plants		
1	Ayurehoa carabola	Carabola
2	Nallotus philippensis	Sundur
3	Artaboteys odoratissimus	Madenmast
4	Caesalpinia pulcherrima	Gulotora
5	Callistemon lanceolatus	Bottle brush
6	Caryota urens	Mari
7	Cestrum diurnum	Din-Ka Raja
8	Nelia azedarch	

Table 5.10
Suggested Plant Species For Road Side Plantation

S. No	Scientific Name	Common Name
1	Azadirachta indica	Neem
2	Pongamia pinnata	Beng
3	Saraca indica	Ashoka
4	Delonix regia	Gul mohr
5	Peltophorum inerme	Copper pod tree
6	Samanea saman	Rain tree
7	Cassia nudosa	Pink cassia
8	Bassia latifolia	Mahuva
9	Bahunia variegata	-

5.8 Industrial Safety, health & Hygiene:

The industry has set up a safety, health and environment cell with a qualified person as in charge for safety, health and environment. Reports to the factory manager directly. The chemical laboratory with qualified chemist carries out the necessary analysis and reports to Manager (SHE). Annual Medical checkup is done for all employees. Further check ups are done as and when necessary on doctors advice; required qualified external experts are appointed as and when necessary.

DFPCL takes pride in its health and safety record. We have capabilities in handling and movement of hazardous, toxic and inflammable chemicals. In appreciation of our skill and efforts in maintaining a good record on health and safety, the British Safety Council has presented the company with The British Safety Council Award for the year 2000-2001, making it the third year in a row.

DFPCL follow strict norms for handling of chemicals at our end and recommend safety norms for handling and transportation of our products.

- General Safety Parameters for loading and Transportation of Chemicals
- Vehicle Permit System
- Product-wise Safety Precautions

5.9 Environmental Laboratory Equipment

The parent industry is having an in-house environmental laboratory for the routine monitoring of air, water, soil and noise. For all non-routine analysis, the plant may utilize the services of external laboratories and facilities. The list of laboratory equipments available for monitoring and analysis are listed in below Table.

Table 5.11
List of Equipment of Environmental Laboratory

Name of the Equipment
Weather Monitoring Station
a) Online Automatic gaseous stack monitoring kit for SO ₂ , NO _x , O ₂ , Flue gas volume, Temperature etc. b) On line dust monitor
RD Samplers
Portable Flue Gas Combustion Analyser
Bomb Calorimeter for analyzing sulfur content, calorific value etc.
Atomic Absorption Spectrophotometer
Mercury analyzer
Portable Noise level meter (Dosimeter)
Portable Waste Water Analysis Kit
BOD Incubator & COD Digester with colorimeter
Electronic Balance
Colorimeter
Conductivity Meter
Different micron sieves (set)
Dissolved Oxygen Meter – Portable type
Electronic colony counter
Flask Shaker
Hot Air Oven
Laboratory Water Distillation and demineralization unit

1

[illegible][illegible]

00000000000000000000000000000000

Environmental Management Cell

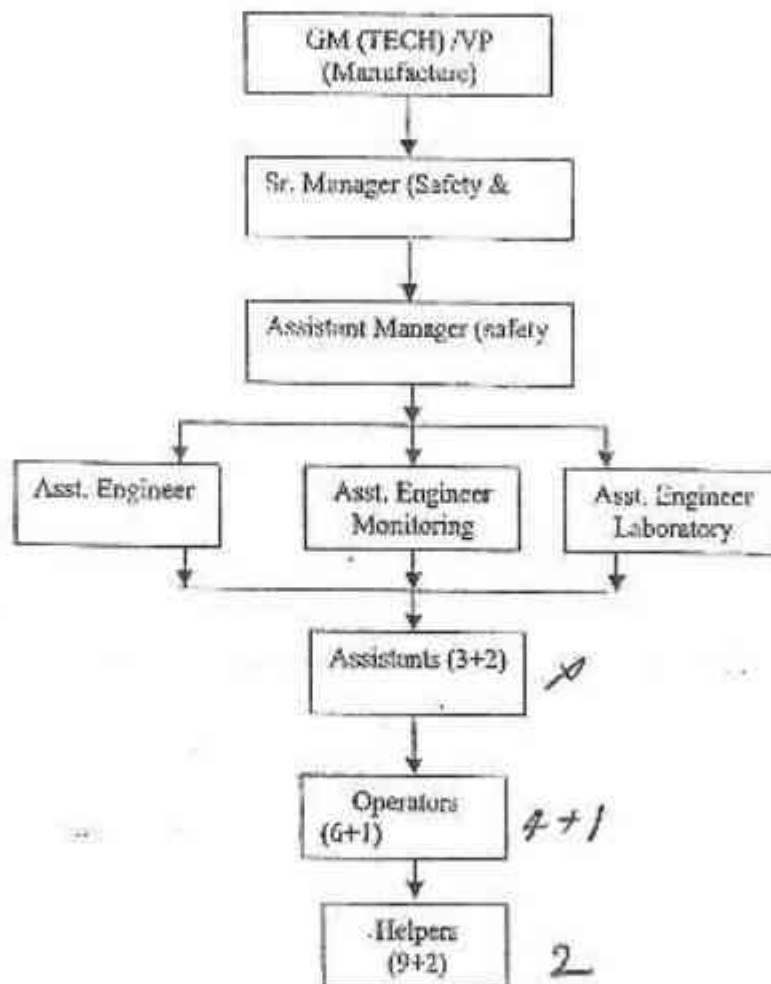


Figure 5.3 Environmental Management Cell

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R25)

Date: 01/03/2024

No:- Format1.0/CC/UAN No.MPCB-
CONSENT_AMMENDMENT-0000012331/CO/240300000
8

To,
Deepak Fertilizers & Petrochemicals Corporation
Limited,
Plot Nos. K-1 Part-1, K-2, K-3, K-4, K-5 & K-6, MIDC
Taloja, Tal. Panvel, Dist. Raigad.



Sub: Amendment in existing Consent to Operate. under RED category.

- Ref:**
1. Environment Clearance accorded vide F. No. J-11011/218/2004-IA II (I) dtd. 24.02.2006.
 2. Consent to Operate accorded vide No. Format 1.0/CAC/UAN No.MPCB-CONSENT-0000146287/CO/2301000400 dated 03.01.2023.
 3. Consent to Establish granted vide No. Format 1.0/CAC/UAN No. 0000127936/CE/2207000110 dated 02/7/2022
 4. Minutes of 20th Consent Appraisal Committee meeting held on 11.01.2024

Your application No.MPCB-CONSENT_AMMENDMENT-0000012331 Dated 14.12.2023

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/03/2026**
2. **The capital investment of the project is Rs.643.93 Crs. (As per C.A Certificate submitted by industry Existing-643.76 Cr + Expansion- 0.17 Cr)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Hand Sanitizer (By mixing & blending only)	7200	MT/A
2	METHANOL	99996	MT/A
3	LIQUID CO2	72000	MT/A
4	WEAK NITRIC ACID (Plant No. 3)	99000	MT/A
5	CONCENTRATED NITRIC ACID (Plant Nos. 1,2 and 3)	129600	MT/A
6	Iso Propyl Alcohol	70200	MT/A

Sr No	Product	Maximum Quantity	UOM
7	Di Iso Propyl Ether (DIPE) (FOR DRUM FILLING OPERATION (PACKAGING OPERATION ONLY)	15000	MT/A
8	ISO PROPYL ALCOHOL (FOR DRUM FILLING OPERATION (PACKAGING OPERATION ONLY)	15000	MT/A
9	Electricity power GT-1, 2 and 5 (Gas based excluding DG Sets)	16.9	MW
10	STEAM	696	MT/Day
11	CRUDE DIPE	1440	MT/A
12	Crude IPA/ NPA mixture	1080	MT/A
13	Propane	33000	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1515.86	As per Schedule -I	Sent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, MIDC Taloja and treated effluent discharged in outlet sump of CETP
2.	Domestic effluent	51.5	As per Schedule - I	Sent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, MIDC Taloja and treated effluent discharged in outlet sump of CETP

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Methanol Primary Reformer	1	As per Schedule -II
2	S-2	Weak Nitric Acid plant-3	1	As per Schedule -II
3	S-3	Boiler-A & B	1	As per Schedule -II
4	S-4	Boiler-C	1	As per Schedule -II
5	S-5	Boiler-D	1	As per Schedule -II
6	S-6	Heat Recovery steam generator 1 - Attached to Gas Turbine 1	1	As per Schedule -II
7	S-7	Heat Recovery steam generator 2 - Attached to Gas Turbine 2	1	As per Schedule -II
8	S-8	Heat Recovery steam generator 5 - Attached to Gas Turbine 5	1	As per Schedule -II
9	S-9	DG Set (200 KVA) - IPA Plant	1	As per Schedule -II
10	S-10	DG Set (1000 KVA) - Methanol Plant	1	As per Schedule -II
11	S-11	IPA Flare Stack	1	As per Schedule -II

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
12	S-12	DG Set (20 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	CANTEEN FOOD WASTE	2190	Kg/Annum	Composting (in house or through Auth. agency)	Used as manure
2	PAPER WASTE, CARTOON	730	Kg/Annum	NA	Sale to Auth. Party/ Vendor
3	PACKAGING WASTE	547.5	Kg/Annum	NA	Sale to Auth. Party/ Vendor
4	INSULATION WASTE	20	MT/A	Landfill	CHWTSDF
5	SPUN FILTERS	1	MT/A	Incineration/ Landfill	CHWTSDF

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	15	KL/A	Recycle	Sale to Auth. Party/ Recycler/ CHWTSDF
2	5.2 Wastes or residues containing oil	1.1	MT/A	Incineration	CHWTSDF
3	18.1 Spent catalyst	48.34	MT/A	Recycle/ Landfill	Sale to Auth. Party/ Recycler/ CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	110	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
5	35.1 KMNO ₄ Sludge/ Process residue	30	MT/A	Recycle/ Secured Landfill after treatment	Sale to Auth. Party/ CHWTSDF
6	33.1 Spray Cans	50	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
7	33.1 Used Containers	1000	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
8	17.2 Spent platinum Rhodium catalyst	35	Kg/Annum	Recycle	Sale to Auth. Party/ CHWTSDF
9	17.2 Spent / Used Denox catalyst (once in 6 year)	3	MT	Recycle	Sale to Auth. Party/ CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
10	35.2 Spent ion exchange resin (DM Resin)	6	MT/A	Recycle / Incineration	Sale to Auth. Party/ CHWTSDF
11	5.2 Used oil filter (non-metallic)	15	MT/A	Incineration	CHWTSDF

8. **Conditions under Batteries (Management & Handling) Rules, 2001:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	LEAD ACID BATTERIES	20.00	Nos./Y	Sale to Auth. Party/ Recycler
2	Ni-Cd BATTERIES	100.00	Nos./Y	Sale to Auth. Party/ Recycler/ CHWTSDF
3	DRY CELL BATTERIES	100.00	Nos./Y	Sale to Auth. Party/ Recycler/ CHWTSDF

Specific Conditions for used Batteries:

- The applicant shall ensure that used batteries are not disposed of in any manner
- other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
 - The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
 - Bulk consumers to their user units may auction used batteries to registered recyclers only.

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E- Waste	2.00	MT/A	Sale to Auth. E-waste Handler/ Recycler

10. **Treatment and Disposal of Biomedical Waste generated to CBWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	20.00	Yellow colored non- chlorinated plastic bags	CBWTSDF
2	Red	Contaminated waste (Recyclable)	5.00	Red colored non chlorinated plastic bags or containers	CBWTSDF
3	White (Translucent)	Waste sharps including Metals	5.00	Puncture proof, Leak proof, tamper proof container	CBWTSDF
4	Blue	a) Glassware	20.00	Puncture proof & leak proof boxes or containers with blue colored marking.	CBWTSDF

11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
13. Industry shall send effluent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, K-1 Part-1, K-1 Part-2, MIDC Taloja for treatment to achieve Consented standards. The treated effluent shall continue to be discharged to CETP for further treatment & disposal after confirming above standards till DFPCL completes laying of separate HDPE pipeline to carry treated effluent from STL to the low COD effluent disposal outlet sump at CETP. After the completion of pipeline work, STL is permitted to connect its treated effluent discharge to the new independent pipeline.
14. Industry will be held jointly and severally responsible for operation and maintenance of the ETP and, in case, if JVS results exceeds Consented standards, then both unit i.e. M/s Deepak Fertilizers & Petrochemicals Corporation Ltd. and M/s Smartchem Technologies Limited will be held equally & jointly responsible.
15. Industry shall comply with the conditions stipulated in interim directions on 17.09.2020.
16. Industry shall comply with the conditions stipulated in the Environment Clearance dtd. 24.02.2006.
17. This consent is issued overriding effect to earlier Consent to Operate accorded vide No. Format 1.0/CAC/ UAN No.:-Format1.0/CAC/UAN No.MPCB-CONSENT-0000146287/CO/2301000400 dated 03.01.2023.
18. This consent is issued as per the minutes of 20th Consent Appraisal Committee meeting held on 11.01.2024.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	6000.00	MPCB-DR-13931	07/09/2022	NEFT

Balance Consent fees is of Rs. 1,537/- as per existing C to O dated 20/8/2021 and will be considered at the time of next renewal.

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Taloja
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to forfeit the bank guarantee of Rs. 625000 & obtain top up total BG of Rs. 25 Lakh from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed to send 1515.86 CMD industrial effluent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, K-1 Part-1, K-1 Part-2, MIDC Talaja having designed capacity of 4800 CMD comprising of Process Waste Collection Tank, Collection Tank (Phosphatic Effluent), Reaction Tank-I, Clariflocculator, Collection Tank (IPA Effluent), Aeration Tank (IPA Effluent), Clarifier (IPA Effluent), Reaction Tank-IIA, Reaction Tank-IIA, Ammonia Stripper-I Collection Tank, Reaction Tank-II, Denitrification Tank (Stage-I), Denitrification Tank (Stage-I), Clarifier, Denitrification Tank (Stage-II), Clarifier, Denitrification Tank (Stage-II), Clarifier, Dissolved Air Floatation (DAF), Final Polishing Tank.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.5 to 8.5
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C)	100
(4)	Total Suspended solids	100
(5)	COD	250
(6)	TDS	2100
(7)	Ammoniacal Nitrogen as N	50
(8)	Total Kjeldhal Nitrogen (TKN) as N	75
(9)	Free Ammoniacal Nitrogen as N	4
(10)	Fluoride as F	10
(11)	Dissolved Phosphate as P	5
(12)	Nitrate Nitrogen as N	20

- C] The treated effluent shall be discharged into CETP for further treatment & disposal through ETP of M/s Smartchem Tech. Ltd. after confirming above standards. The treated effluent shall continue to be discharged to CETP for further treatment & disposal after confirming above standards till DFPCCL completes laying of separate HDPE pipeline to carry treated effluent from STL to the low COD effluent disposal outlet sump at CETP. After the completion of pipeline work, STL is permitted to connect its treated effluent discharge to the new independent pipeline. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have proposed to send 51.5 CMD domestic effluent to ETP of M/s Smartchem Tech. Ltd. for treatment & disposal.
- B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.

- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	6724.00
2.	Domestic purpose	56.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1024.20
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

- The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Methanol Primary Reformer	Stack	30.00	Natural gas 1946 Kg/Hr	-	NO ₂	400 Mg/Nm ³
S-2	Weak Nitric Acid plant-3	Scrubber	60.00	-	-	NO ₂	400 Mg/Nm ³
S-3	Boiler-A & B	Stack	30.00	NATURAL GAS 2221 Kg/Hr	-	NO _x	350 Mg/Nm ³
						PM	10 Mg/Nm ³

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-4	Boiler-C	Stack	30.50	NATURAL GAS 444 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-5	BOILER-D	Stack	63.00	NATURAL GAS 1644 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-6	Heat Recovery steam generator 1- Attached to gas turbine 1	Stack	30.00	NATURAL GAS 1331 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-7	Heat Recovery steam generator 2- Attached to gas turbine 2	Stack	30.00	NATURAL GAS 1331 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-8	Heat Recovery steam generator 5- Attached to gas turbine 5	Stack	30.00	NATURAL GAS 1534 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-9	DG Set (200 KVA) - IPA Plant	Stack of height 3 mtrs above roof	3.00	DIESEL 33 Kg/Hr	1	SO2	16 Kg/Day
S-10	DG Set (1000 KVA) - Methanol Plant	Stack of height 6.5 mtrs above roof	6.50	DIESEL 166.66 Kg/Hr	1	SO2	80 Kg/Day
S-11	IPA Flare Stack (Burning shall be smokeless)	Stack	65.00	NATURAL GAS 1.84 Kg/Hr	-	-	-
S-12	DG Set (20 KVA)	Stack	2.50	Diesel 4.2 Ltr/Hr	1	TPM	150 Mg/Nm ³

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	2500000	Within 15 days	Towards O&M of pollution control systems and towards compliance of the Consent conditions	31.03.2026	31.07.2026

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C to R	25 Lakh	Existing	Towards O&M of pollution control systems and towards compliance of the Consent conditions	625000	Towards JVS exceedance

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

- Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
- Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board

3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
 1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.
Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
 2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
 3. **Balances** : WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
 4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDf.
 5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
 6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDf.
 7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
 8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDf.

9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
8. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
9. The applicant shall maintain good housekeeping.
10. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
11. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
12. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
17. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
18. The PP shall provide personal protection equipment as per norms of Factory Act.
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
20. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
21. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
24. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
25. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

29. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
30. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
31. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
32. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
35. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
36. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
37. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
38. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

Reference Number : EQNX001LRB-D/24-10-02889 A

ULR : TC68232400072765F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1, Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal./Panvel, Dist. Raigad
Contact Person : Madan Popete

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample	: Stack Monitoring	Date of Sampling	: 9-Oct-24
Sampling Method	: Each analytical method covers the sampling procedure	Date of Receipt	: 9-Oct-24
Date of Start of Analysis	: 10-Oct-24	Date of End of Analysis	: 14-Oct-24

Stack Details :-

Stack Attached To	: WNA 3	Stack Height	: 80.0 m
Shape of Stack	: Round	Stack Diameter	: 0.953 m
Material of Construction	: MS	Stack Velocity	: 4.1 m/s
Stack Temperature	: 36.0°C	Rate of Emission	: 10121.7 ton/An
Type of Fuel	: -		
Consumption	: -		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Oxides of Nitrogen (NO _x)	ISOPHENY-25-01	ppm	161.4	Not Specified
			mg/hm ³	291.4	< 400

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board

Remark : The Above Result Found Satisfactory as per MPCB limits


Assistant Manager - Air
(Authorised Signatory)
Mr. Ajul Mandhara



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

Reference Number : EQNX/001/LAB/D/24/10/00659 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K/1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popera

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample	: Stack Monitoring	Date of Sampling	: 9-Oct-24
Sampling Method	: Each analytical method covers the sampling procedure	Date of Receipt	: 10-Oct-24
Date of Start of Analysis	: 8-Oct-24	Date of End of Analysis	: 14-Oct-24
Stack Details :-			
Stack Attached To	: WNA 3	Stack Height	: 60.0 m
Shape of Stack	: Round	Stack Diameter	: 0.955 m
Material of Construction	: MS	Stack Velocity	: 4.1 m/s
Stack Temperature	: 36 °C	Rate of Emission	: 10121.7 ton/year
Type of Fuel	: >		
Consumption	: >		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Ammonia	IS - 11255 (Part - VI) 1996	mg/m ³	2.7	Not Specified

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 24-Oct-24

Reference Number : EQNX/001/LAB/ 2024/10/06115-A

U/R - TD682C24C00075292F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6/ MIDC, Talaja, Tal. Parvat, Dist. Raigarh
Contact Person : Madan Popara

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 17-Oct-24
Date of Sampling : 15-Oct-24
Date of Receipt : 17-Oct-24
Date of End of Analysis : 22-Oct-24

Stack Details :-

Stack Attached To : Methanol Plant 1050 KVA
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 65 °C
Type of Fuel : Diesel
Consumption : 80-85 Per hour
Stack Height : 6.5 m
Stack Diameter : 0.28 m
Stack Velocity : 0.0 m/s
Rate of Emission : 1800 g/hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	g/kwhr	0.13	≤0.2
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	2.4	≤30
3	Oxides of Nitrogen (NOx)	IS-EN-25-01	g/kwhr	0.03	≤4.0
4	Carbon Monoxide (CO)	IS-EN-25-01	g/kwhr	0.41	≤3.5

MPCB* - Maharashtra Pollution Control Board

Remark - The Above Result Found Satisfactory as per MPCB Limits.



Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



TC-0000

Note :-

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Oct-24

Reference Number : EQNKL001 LAB: D-24-10-051153

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6 MIDC, Talaja, Tal: Panvel, Dist: Raigad.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample :	Stack Monitoring	Date of Sampling :	15-Oct-24
Sampling Method :	Each analytical method covers the sampling procedure	Date of Receipt :	17-Oct-24
Date of Start of Analysis :	17-Oct-24	Date of End of Analysis :	22-Oct-24
Stack Details :-			
Stack Attached To :	Methanol Plant 1050 KVA	Stack Height :	4.5 m
Shape of Stack :	Round	Stack Diameter :	0.28 m
Material of Construction :	MS	Stack Velocity :	9.0 m/s
Stack Temperature :	66 °C	Rate of Emission :	1050 g Nox/hr
Type of Fuel :	Diesel		
Consumption :	60-85 Per hour		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Non Methane Hydrocarbon (NMHC)	By Gas Chromatography	g/kw-hr	0.20	Not Specified

MPCB* - Maharashtra Pollution Control Board

Remark : The above tested parameter is found within limits.

Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Oct-24

Reference Number : EQNX-001-LAB-0-24-10-07309

URL : TC862024000077372F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Pariya, Dist. Raigad.
Contact Person : Mitran Pagar

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 22-Oct-24
Date of Sampling : 23-Oct-24
Date of Receipt : 23-Oct-24
Date of End of Analysis : 26-Oct-24
Stack Details : -
Stack Attached To : D.G.20 KVA (K-6) Plant
Shape of Stack : Round
Stack Height : 10.0 m
Material of Construction : MS
Stack Diameter : 0.1 m
Stack Temperature : 92 °C
Stack Velocity : 4.5 m/s
Type of Fuel : Diesel
Rate of Emission : 149.5 Nm³/hr
Consumption : -

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table : -

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per CPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1995, RA 2019	g/kw-hr	0.08	≤ 75
2	Sulphur Dioxide (SO ₂)	IS - 11265 (Part - 2) 1995, RA 2019	Kg/day	0.12	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-28-01	g/kw-hr	≤ 0.1	≤ 710
4	Hydrocarbon (HC)	SOP-ENV-28-01	g/kw-hr	0.3	Not Specified
5	Carbon Monoxide (CO)	SOP-ENV-28-01	g/kw-hr	0.13	≤ 150

CPCB* - Central Pollution Control Board

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Ajul Manchare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Nov-24

Reference Number : EQNK001.LAB.D.24-11-08199

ULR - TC652024000087977F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 21-Nov-24
Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 23-Nov-24
Date of Start of Analysis : 23-Nov-24 Date of End of Analysis : 28-Nov-24

Stack Details :-
Stack Attached To : HRSO - 1
Shape of Stack : Round Stack Height : 30.0 m
Material of Construction : MS Stack Diameter : 1.5 m
Stack Temperature : 112 °C Stack Velocity : 6.3 m/s
Type of Fuel : - Rate of Emission : 30924.4 Nm³/hr
Consumption : -

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm³	6.7	≤ 10
2	Sulphur Dioxide (SO₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm³	Not Detected	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	mg/Nm³	Not Detected	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm³	Not Detected	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.

Signature

Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



TC-6829



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Signature

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 30-Nov-24

Reference Number : EQNX.001.LAB.D.24.11.08198

ULR : TC682024C00067976F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 21-Nov-24
Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 23-Nov-24
Date of Start of Analysis : 23-Nov-24 Date of End of Analysis : 28-Nov-24

Stack Details :-

Stack Attached To : HRSG - 2
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 115 °C
Type of Fuel : -
Consumption : -
Stack Height : 30.0 m
Stack Diameter : 1.5 m
Stack Velocity : 6.6 m/s
Rate of Emission : 32156.7 Nm³/hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm³	6.8	≤ 10
2	Sulphur Dioxide (SO₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm³	5.3	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-26-01	mg/Nm³	2.4	≤ 300
4	Carbon Monoxide (CO)	SOP-ENV-26-01	mg/Nm³	Not Detected	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.

Mandhane

Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhane



TC-6820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Handwritten signature

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 30-Nov-24

Reference Number : EQNX-001-LAB-D-24-11-06203

ULR : 1C685202400087978F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MDC, Talga, Tal. Parvat, Dist. Raigad.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample :	Stack Monitoring	Date of Sampling :	21-Nov-24
Sampling Method :	Each analytical method covers the sampling procedure	Date of Receipt :	23-Nov-24
Date of Start of Analysis :	23-Nov-24	Date of End of Analysis :	28-Nov-24
Stack Details :-			
Stack Attached To :	HRSG - 5	Stack Height :	30.0 m
Shape of Stack :	Round	Stack Diameter :	1.5 m
Material of Construction :	MS	Stack Velocity :	6.5 m/s
Stack Temperature :	215 °C	Rate of Emission :	26333.9 Nm ³ /hr
Type of Fuel :	-		
Consumption :	-		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11258 (Part - 1) 1985, RA 2019	mg/m ³	4.1	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11258 (Part - 2) 1985, RA 2019	mg/m ³	1.8	Not Specified
3	Oxides of Nitrogen (NO _x)	SOP-ENV-26-01	mg/m ³	12.9	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-26-01	mg/m ³	Not Detected	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Manchare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 26-Nov-24

Reference Number : EQNX.001.LAB.D.24.11.06206

ULR - TC582024000067864F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 23-Nov-24
Date of Sampling : 21-Nov-24
Date of Receipt : 20-Nov-24
Date of End of Analysis : 26-Nov-24

Stack Details :-

Stack Attached To : Boiler D
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 45 °C
Type of Fuel : -
Consumption : -
Stack Height : 63 m
Stack Diameter : 2.5 m
Stack Velocity : 4.5 m/s
Rate of Emission : 74286.4 Nm³/hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/m ³	5.1	≤ 150
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	Not Detected	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-35-01	mg/m ³	1.5	Not Specified
4	Carbon Monoxide (CO)	SOP-ENV-36-01	mg/m ³	Not Detected	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Abdul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 4-Mar-25

Reference Number : EQNKC001 LAB-D:25:02:04547 A

ULR - TC68202500013763F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 20-Jan-25
Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 14-Feb-25
Date of Start of Analysis : 14-Feb-25 Date of End of Analysis : 21-Feb-25

Stack Details :-

Stack Attached To : Process Stack WHA - 3
Shape of Stack : Round Stack Height : 60.0 m
Material of Construction : MS Stack Diameter : 0.953 m
Stack Temperature : 34.0°C Stack Velocity : 3.7 m/s
Type of Fuel : - Rate of Emission : 9193.8 Nm³/hr
Consumption : -

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/m ³	11.7	Not Specified
2	Oxide Of Nitrogen	SOP-ENV-25-01	ppm	13	Not Specified
			mg/m ³	21.2	< 400

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board

Remark - The Above Result Found Satisfactory as per MPCB Limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 22-Feb-25

Reference Number : EQNX/001/LAB/D/25/02/04547 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 20-Jan-25
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 14-Feb-25
Date of Start of Analysis : 14-Feb-25	Date of End of Analysis : 21-Feb-25

Stack Details :-

Stack Attached To : Process Stack WHA - 3	Stack Height : 60.0 m
Shape of Stack : Round	Stack Diameter : 0.953 m
Material of Construction : MS	Stack Velocity : 3.7 m/s
Stack Temperature : 34.0°C	Rate of Emission : 2193.8 t/m ³ /Hr
Type of Fuel : -	
Consumption : -	

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Ammonia	IS - 11255 (Part - V) 1999	mg/m ³	<0.0020	Not Specified

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001 LAB: D-25-01-07581 A
Sample Number : D-25-01-07581 A

Report Issue Date : 30-Jan-25
ULR : TC682025000000981F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Panvel, Raigad, Maharashtra, India : 410208.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample :	Stack Monitoring	Date of Sampling :	21-Jan-25
Sampling Method :	Each analytical method covers the sampling procedure	Date of Receipt :	24-Jan-25
Date of Start of Analysis :	24-Jan-25	Date of End of Analysis :	29-Jan-25
Stack Details :-			
Stack Attached To :	DG Set 1000 KVA (Methanol Plant)	Stack Height :	6.5 m
Shape of Stack :	Round	Stack Diameter :	0.28 m
Material of Construction :	MS	Stack Velocity :	10.1 m/s
Stack Temperature :	58 °C	Rate of Emission :	2009.3 Nm ³ /hr
Type of Fuel :	HSD		
Consumption :	-		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2018	g/kw-hr	0.17	≤ 0.2
2	Oxides of Nitrogen (NOx)	SOP-ENV-36-01	g/kw-hr	0.16	≤ 4.0
3	Carbon Monoxide (CO)	SOP-ENV-36-01	g/kw-hr	0.25	≤ 3.5
4	Sulphur Dioxide	IS - 11255 (Part - 2) 1985, RA 2018	Kg/day	2.0	≤ 80

Limits as per stack requirement

*MPCB - Maharashtra Pollution Control Board

Remark : The Above Result Found Satisfactory as per MPCB Limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhale



Note :

1. This report is valid for the tested sample only.
2. Test report should not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples have been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Jan-25

Reference Number : EQNX-001 LAB: D-25-01-07581 B

Sample Number : D-25-01-07581 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Panvel, Raigad, Maharashtra, India - 410208.
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample :	Stack Monitoring	Date of Sampling :	21-Jan-25
Sampling Method :	Each analytical method covers the sampling procedure	Date of Receipt :	24-Jan-25
Date of Start of Analysis :	24-Jan-25	Date of End of Analysis :	29-Jan-25
Stack Details :-			
Stack Attached To :	DG Set 1000 KVA (Methanol Plant)	Stack Height :	8.5 m
Shape of Stack :	Round	Stack Diameter :	0.28 m
Material of Construction :	MS	Stack Velocity :	12.1 m/s
Stack Temperature :	38 °C	Rate of Emission :	2009.3 Nm ³ /hr
Type of Fuel :	HSD		
Consumption :			

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sl. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Non Methane Hydrocarbon (NMHC)	SOP-ENV-15-02	g/kw-hr	0.10	Not Specified

Limits as per stack requirement

*MPCB - Maharashtra Pollution Control Board


Anandhave, Manager - Air
(Authorized Signatory)
Mr. Anil Morehare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results.

*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Feb-25

Reference Number : EQNX/001/LAB/D/25/01/09145

ULR - TC682025000008392F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample	: Stack Monitoring	Date of Sampling	: 28-Jan-25
Sampling Method	: Each analytical method covers the sampling procedure	Date of Receipt	: 30-Jan-25
Date of Start of Analysis	: 30-Jan-25	Date of End of Analysis	: 4-Feb-25
Stack Details :-			
Stack Attached To	: DG Stack - IPA Plant - 200 KVA	Stack Height	: 3.0 m
Shape of Stack	: Round	Stack Diameter	: 0.2 m
Material of Construction	: MS	Stack Velocity	: 8.9 m/s
Stack Temperature	: 36 °C	Rate of Emission	: 967.7 Nm ³ /Hr
Type of Fuel	: HSD		
Consumption	: -		

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	g/kw-hr	0.19	≤ 0.2
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	0.92	≤ 16
3	Oxides of Nitrogen (NOx) + Hydrocarbon (HC)	SOP-ENV-26-01	g/kw-hr	0.26	≤ 4
4	Carbon Monoxide (CO)	SOP-ENV-26-01	g/kw-hr	1.8	≤ 3.5

*Limits as per client requirement.

MPCB* - Maharashtra Pollution Control Board

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note:-

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The sample has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 1-Feb-25

Reference Number : EQNX/001/LAB/ D:25/01/06173 ULR - TC682025000007525F
 Sample Number : D:25/01/06173

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part- 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Maharashtra, India - 410208.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 27-Jan-25
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 27-Jan-25
 Date of Start of Analysis : 27-Jan-25 Date of End of Analysis : 31-Jan-25

Stack Details :-

Stack Attached To : K-6 Plant DG 20 KVA
 Shape of Stack : Round Stack Height : 10.0 m
 Material of Construction : MS Stack Diameter : 0.1 m
 Stack Temperature : 40 °C Stack Velocity : 6.4 m/s
 Type of Fuel : HSD Rate of Emission : 171.7 Nm³/Hr
 Consumption : -

Discipline : Chemical

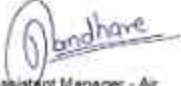
Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per CPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	g/kw-hr	0.1	≤ 0.2
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	g/kw-hr	0.11	Not Specified
3	Oxides of Nitrogen (NOx) + Hydrocarbon (HC)	SOP-ENV-26-01	g/kw-hr	0.92	≤ 4
4	Carbon Monoxide (CO)	SOP-ENV-26-01	g/kw-hr	0.16	≤ 3.5

CPCB* - Central Pollution Control Board

Remark : All the parameters are found within limits.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare



Note:-

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

END OF REPORT

EQUINOX TEST REPORT

Report Issue Date : 15-Feb-25

Reference Number : EQNX-001-LAB-ID-25-02-02661

ULR - TC662025000011212F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 9-Feb-25
Date of Sampling : 7-Feb-25
Date of Receipt : 9-Feb-25
Date of End of Analysis : 14-Feb-25

Stack Details :-

Stack Attached To : HRSG - 1
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 181 °C
Type of Fuel : -
Consumption : -
Stack Height : 30.0 m
Stack Diameter : 1.5 m
Stack Velocity : 6.7 m/s
Rate of Emission : 27889.8 Nm³/hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm ³	9.2	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm ³	Not Detected	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-26-01	mg/Nm ³	13.2	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-26-01	mg/Nm ³	5.0	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.



Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



TC-6620

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-Feb-25

Reference Number : EQNX-001-LAB-ID-25-02-02662

ULR - TC662025000011221F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 9-Feb-25
Date of Sampling : 7-Feb-25
Date of Receipt : 9-Feb-25
Date of End of Analysis : 14-Feb-25

Stack Details :-

Stack Attached To : HRSG - 2
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 175°C
Type of Fuel : -
Consumption : -
Stack Height : 30.0 m
Stack Diameter : 1.5 m
Stack Velocity : 6.8 m/s
Rate of Emission : 28494.4 Nm³/Hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm³	7.1	≤ 10
2	Sulphur Dioxide (SO₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm³	3.6	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	mg/Nm³	11.9	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm³	5.3	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.



Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



TC-6620

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-Feb-25

Reference Number : EQNX-001-LAB-ID-25-02-02663

ULR - TC662025000011228F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 9-Feb-25
Date of Sampling : 7-Feb-25
Date of Receipt : 9-Feb-25
Date of End of Analysis : 14-Feb-25

Stack Details :-

Stack Attached To : HRSG - 5
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 105 °C
Type of Fuel : -
Consumption : -
Stack Height : 30.0 m
Stack Diameter : 1.5 m
Stack Velocity : 6.6 m/s
Rate of Emission : 32997.3 Nm³/Hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm ³	6.5	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm ³	1.7	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	mg/Nm ³	14.6	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm ³	4.3	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.



Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



TC-6620

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 20-Feb-25

Reference Number : EQNX-001-LAB-ID-25-02-03824

ULR - TC682025000012394F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
Sampling Method : Each analytical method covers the sampling procedure
Date of Start of Analysis : 12-Feb-25
Date of Sampling : 10-Feb-25
Date of Receipt : 12-Feb-25
Date of End of Analysis : 17-Feb-25

Stack Details :-

Stack Attached To : Boiler A & B
Shape of Stack : Round
Material of Construction : MS
Stack Temperature : 48°C
Type of Fuel : -
Consumption : -
Stack Height : 30 m
Stack Diameter : 1.5 m
Stack Velocity : 10.9 m/s
Rate of Emission : 64172.4 Nm³/Hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Total Particulate Matter (TPM)	IS - 11255 (Part - 1) 1985, RA 2019	mg/Nm³	7.9	≤ 150
2	Sulphur Dioxide (SO₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	Not Detected	≤ 3200
3	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	ppm	6.6	Not Specified
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm³	5.3	Not Specified

*Limits as per client requirement.

*MPCB - Maharashtra Pollution Control Board.

Remark : The Above Result Found Satisfactory as per MPCB Limits.



Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 24-Oct-24

ULR - TC882024000070019F

Reference Number : EQNX-001 LAB: A-24-10-05874-A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate
Sample Description : Ambient Air Monitoring
Temperature : 31.3 °C
Relative Humidity : 70%
Receptor Height : 3.0 m From Ground Level
Date of Sampling : 17-Oct-24 to 18-Oct-24
Date of Receipt : 18-Oct-24
Date of Start of Analysis : 19-Oct-24
Date of End of Analysis : 23-Oct-24
Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sl. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 - Appendix L	47.8	< 50	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	88.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.42	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	16.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Arsenic	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 401	21.2	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare




Technical Manager - Instrumentation
(Authorized Signatory)
Mr. Sachin Tambre

Note :

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX001/LAB/ A/24/10/05875 A

Report Issue Date : 24-Oct-24

ULN - TC682024000079020F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos: K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate
Sample Description : Ambient Air Monitoring
Temperature : 31.3 °C
Relative Humidity : 70%
Receptor Height : 3.0 m From Ground Level
Date of Sampling : 17-Oct-24 to 18-Oct-24
Date of Receipt : 18-Oct-24
Date of Start of Analysis : 19-Oct-24
Date of End of Analysis : 23-Oct-24
Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

SULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1.	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	49.1	< 60	NAAQS
2.	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	81.2	< 100	NAAQS
3.	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.50	< 4	NAAQS
4.	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5.	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6.	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	38.2	< 80	NAAQS
7.	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8.	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	24.9	< 400	NAAQS
9.	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10.	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11.	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12.	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*AAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits


Assistant Manager - Air
(Authorised Signatory)
Mr. Anil Mandhare



TC-6820


Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Yambhe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

*****END OF REPORT*****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A-24-10-05976-A

Report Issue Date : 24-Oct-24

ULR - TC682024000076021F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Telaja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near WNA III Plant Area

Date of Sampling : 17-Oct-24 to 18-Oct-24

Sample Description : Ambient Air Monitoring

Date of Receipt : 18-Oct-24

Temperature : 31.3 °C

Date of Start of Analysis : 19-Oct-24

Relative Humidity : 70%

Date of End of Analysis : 23-Oct-24

Receptor Height : 3.0 m From Ground Level

Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	41.2	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	77.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.95	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	26.0	<400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Manthare



TC-6830


Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A/24/10/05877-A

Report Issue Date : 24-Oct-24

ULR - TC682024000075022F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos: K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad

Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Acid Tank

Date of Sampling : 17-Oct-24 to 18-Oct-24

Sample Description : Ambient Air Monitoring

Date of Receipt : 18-Oct-24

Temperature : 31.3 °C

Date of Start of Analysis : 19-Oct-24

Relative Humidity : 70%

Date of End of Analysis : 23-Oct-24

Receptor Height : 3.0 m From Ground Level

Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sl. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	40.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	73.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-35-02	0.45	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	17.8	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Akul Manshare



TC-6820


Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambhe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 4-Dec-24

Reference Number : EQNX-001-LAB- A-24-11-08882 A

ULR - TC882024000088702F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate
Sample Description : Ambient Air Monitoring
Temperature : 37°C
Relative Humidity : 67%
Receptor Height : 3.0 m From Ground Level
Date of Sampling : 25-Nov-24 To 26-Nov-24
Date of Receipt : 27-Nov-24
Date of Start of Analysis : 27-Nov-24
Date of End of Analysis : 2-Dec-24
Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

LIST OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 - Appendix L	50.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	89.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.53	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	2.7	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 401	<2.0	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX-001 LAB: A/24-11-08983 A

Report Issue Date : 4-Dec-24

ULR - TC682024000088703F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Pavai, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate	Date of Sampling : 25-Nov-24 To 26-Nov-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 27-Nov-24
Temperature : 35 °C	Date of Start of Analysis : 27-Nov-24
Relative Humidity : 64%	Date of End of Analysis : 2-Dec-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 - Appendix L	53.7	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	87.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.60	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	2.9	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 401	6.4	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 5	NAAQS
**	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Notes :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A/24/11/08984 A

Report Issue Date : 4-Dec-24

ULR - TC682024000088704F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near WNA III Plant Area	Date of Sampling : 25-Nov-24 To 26-Nov-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 27-Nov-24
Temperature : 38 °C	Date of Start of Analysis : 27-Nov-24
Relative Humidity : 65%	Date of End of Analysis : 2-Dec-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	54.5	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	85.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.58	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	28.8	< 60	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	4.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Manchare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 4-Dec-24

ULR - TC682024000088705F

Reference Number : EQNX-001.LAB: A:24:11:08985 A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Acid Tank

Sample Description : Ambient Air Monitoring

Temperature : 36 °C

Relative Humidity : 68%

Recaptor Height : 3.0 m From Ground Level

Date of Sampling : 25-Nov-24 To 26-Nov-24

Date of Receipt : 27-Nov-24

Date of Start of Analysis : 27-Nov-24

Date of End of Analysis : 2-Dec-24

Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

TESTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 - Appendix L	54.1	< 80	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	81.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.51	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	16.4	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 401	13.7	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 5	NAAQS
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQS

* NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC882024000098871F

Report Issue Date : 01-Jan-2025

Reference Number : 001:AA:24:12:09356

Report Number : EQNX:001:AA:24:12:09356/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Parvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Methanol Gate
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
21-Dec-2024	24-Dec-2024	24-Dec-2024	30-Dec-2024

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.46	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	6.9	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000098871F

Report Issue Date : 01-Jan-2025

Reference Number : 001:AA:24:12:09356

Report Number : EQNX:001:AA:24:12:09356/A



NABL Scope



TC-4008

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	81.1	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	44.5	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	40.8	< 400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	46.8	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade



Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Janey

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000098870F

Report Issue Date : 01-Jan-2025

Reference Number : 001-AA-24:12:09355

Report Number : EQNX:001:AA-24:12:09355/A



NABL Scope



TC-4928

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near IPA Gate
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
21-Dec-2024	24-Dec-2024	24-Dec-2024	30-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2005	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.46	< 4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000098870F

Report Issue Date : 01-Jan-2025

Reference Number : 001-AA-24:12:09355

Report Number : EQNX:001-AA-24:12:09355/A



NABL Scope



TC-4429

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	81.1	<100
4	Particulate Matter < 2.5 µm	µg/m³	CFR 40 – Appendix L	44.5	<60
5	Sulphur Dioxide (SO ₂)	µg/m³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	< 80
6	Ammonia	µg/m³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	40.8	< 400
7	Nitrogen Dioxide	µg/m³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	46.8	< 80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Marisha Kharade

Dr. Marisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Large

Your Testing and Auditing Partner

TEST REPORT

UIR-TC682024000098809F

Report Issue Date : 01-Jan-2025

Reference Number : 001:AA:24:12:09354

Report Number : EQNX:001:AA:24:12:09354/A



NABL Scope



TC-4009

Information Provided by Customer

Client Name : Deepak Fertilizers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taloja, Tal. Parvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near WNA III Plant
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
21-Dec-2024	24-Dec-2024	24-Dec-2024	30-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.47	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	<1.0	<180

Longe

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000098869F

Report Issue Date : 01-Jan-2025

Reference Number : 001-AA-24-12:09354

Report Number : EQNX-001-AA-24-12:09354/A



NABL Scope



TC-0020

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 μm	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	78.5	<100
4	Particulate Matter < 2.5 μm	$\mu\text{g}/\text{m}^3$	CFR 40 – Appendix L	52.2	<60
5	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	< 80
6	Ammonia	$\mu\text{g}/\text{m}^3$	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	40.8	< 400
7	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	47.7	< 80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards.

Dr. Manisha Kharade



Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.



Download Report

----- End Of Report -----

Long

Your Testing and Auditing Partner



NABH Score

10 years

Report Number : EQNX:001:AA:24:12:09357/A

Client Name :	Deepak Fertilisers and Petrochemicals Corporation Limited	Sampling Location :	Near Acid Tank
Address :	Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208	Sample Sub Group :	Ambient Air Quality Monitoring (24-Hours)
Contact Person :	Madan Popeta	Sample Name :	Ambient Air Quality Monitoring

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00 Sample Drawn by : Equinox Labs - Jitendra Ahire

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
21-Dec-2024	24-Dec-2024	24-Dec-2024	30-Dec-2024

————— Result of Analysis: —————

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<5
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.68	< 4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	7.3	<180

Long

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000096672F

Report Issue Date : 01-Jan-2025

Reference Number : 001:AA:24:12:09357

Report Number : EQNX:001:AA:24:12:09357/A



NABL Scope



TC-0430

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	81.1	<100
4	Particulate Matter < 2.5 µm	µg/m³	CFR 40 – Appendix L	50.4	<60
5	Sulphur Dioxide (SO ₂)	µg/m³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	< 80
6	Ammonia	µg/m³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	40.8	< 400
7	Nitrogen Dioxide	µg/m³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	48.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Signature

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003764F

Report Issue Date : 21-Jan-2025

Reference Number : 001-AA:25:01:04067

Report Number : EQNX-001-AA:25:01:04067/A



NAIR, Scope



TC-6028

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taloja, Tal. Parvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Methanol Gate
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling

10-Jan-2025

Date of Receipt

13-Jan-2025

Start Date of Analysis

13-Jan-2025

End Date of Analysis

18-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	<0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	<1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.47	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003764F

Report Issue Date : 21-Jan-2025

Reference Number : 001:AA:25:01:04067

Report Number : EQNX:001:AA:25:01:04067/A



NIRL Sample



TC-6820

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 μm	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	94.6	<100
4	Particulate Matter < 2.5 μm	$\mu\text{g}/\text{m}^3$	CFR 40 – Appendix L	49.5	<60
5	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<60
6	Ammonia	$\mu\text{g}/\text{m}^3$	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	62.6	<400
7	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Long

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003765F

Report Issue Date : 21-Jan-2025

Reference Number : 001-AA-25-01-04068

Report Number : EQNX-001-AA-25-01-04068/A



NAAR Scope



TC-4038

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near IPA Gate
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
10-Jan-2025	13-Jan-2025	13-Jan-2025	18-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	<0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	<1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.50	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003765F

Report Issue Date : 21-Jan-2025

Reference Number : 001-AA-25-01-04068

Report Number : EQNX-001-AA-25-01-04068/A



NABL Scope



TC 4800

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	92.6	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	42.5	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	48.3	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003768F

Report Issue Date : 21-Jan-2025

Reference Number : 001/AA/25/01/04069

Report Number : EQNX/001/AA/25/01/04069/A



NABL Scope



10-000

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near WNA - 3, Plant Area
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
10-Jan-2025	13-Jan-2025	13-Jan-2025	18-Jan-2025

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	<0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	<1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.48	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003786F

Report Issue Date : 21-Jan-2025

Reference Number : 001-AA:25:01:04069

Report Number : EQNX:001-AA:25:01:04069/A



AAQCL Scope



TC-0028

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	84.1	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	53.3	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	63.7	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	12.6	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Rang

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003767F

Report Issue Date : 21-Jan-2025

Reference Number : 001-AA:25:01:04070

Report Number : EQNX-001-AA:25:01:04070/A



NABL scope



TC-4628

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Acid Tank
Sample Sub Group : Ambient Air Quality Monitoring (24-Hours)
Sample Name : Ambient Air Quality Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling

10-Jan-2025

Date of Receipt

13-Jan-2025

Start Date of Analysis

13-Jan-2025

End Date of Analysis

18-Jan-2025

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	<0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	<0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	<0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	<0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	<1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.60	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000003767F

Report Issue Date : 21-Jan-2025

Reference Number : 001:AA:25:01:04070

Report Number : EQNX:001:AA:25:01:04070/A



Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	94.6	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	56.2	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	49.2	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards.

Dr. Manisha Kharade



Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Long

Your Testing and Auditing Partner

TEST REPORT

ULR-TC882025000016971F
Report Issue Date : 10-Mar-2025
Reference Number : 001:AA:25:03:00307
Report Number : EQNX:001:AA:25:03:00307/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near WNA 3 Plant Area
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	03-Mar-2025	03-Mar-2025	07-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1.0	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.48	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	2.1	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000016971F

Report Issue Date : 10-Mar-2025

Reference Number : 001:AA:25:03:00307

Report Number : EQNX:001:AA:25:03:00307/A



NABL Scope



TC-6828

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	87.9	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	39.6	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000016970F

Report Issue Date : 10-Mar-2025

Reference Number : 001:AA:25:03:00306

Report Number : EQNX.001:AA:25:03:00306/A



NABL Scope



TC-020

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near IPA Gate
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	03-Mar-2025	03-Mar-2025	07-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1.0	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.62	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition - Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000016970F

Report Issue Date : 10-Mar-2025

Reference Number : 001-AA:25:03:00306

Report Number : EQNX:001-AA:25:03:00306/A



NABL Scope



TC-4839

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	97.8	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	55.4	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

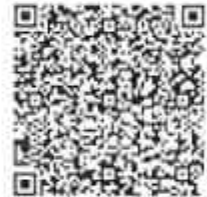
Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000016969F
Report Issue Date : 10-Mar-2025
Reference Number : 001-AA-25-03-00305
Report Number : EQNX-001-AA-25-03-00305/A



NABL Scope

TC-6820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Methanol Gate
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	03-Mar-2025	03-Mar-2025	07-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.70	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	<1.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000016989F

Report Issue Date : 10-Mar-2025

Reference Number : 001-AA:25:03:00305

Report Number : EQNX:001-AA:25:03:00305/A



NAABL Scope



10-0020

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m ³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	94.6	<100
4	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	52.6	<60
5	Sulphur Dioxide (SO ₂)	µg/m ³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m ³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	4.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024808F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08315

Report Number : EQNX:001:AA:25:03:08315/A



NABL Scope



TC-4820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Sampling Location : Near Methanol Gate
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	23-Mar-2025	23-Mar-2025	29-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.39	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	7.2	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024808F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08315

Report Number : EQNX:001:AA:25:03:08315/A



NABL Scope

TC-4828

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 μm	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	95.0	<100
4	Particulate Matter < 2.5 μm	$\mu\text{g}/\text{m}^3$	CFR 40 – Appendix L	52.4	<60
5	Sulphur Dioxide (SO_2)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	$\mu\text{g}/\text{m}^3$	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024809F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08316

Report Number : EQNX:001:AA:25:03:08316/A



Information Provided by Customer

Client Name : Deepak Fertilizers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near IPA Gate
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	23-Mar-2025	23-Mar-2025	29-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.47	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	7.0	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024809F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08316

Report Number : EQNX:001:AA:25:03:08316/A



NABL Scope



TC-002

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	93.7	<100
4	Particulate Matter < 2.5 µm	µg/m³	CFR 40 – Appendix L	48.7	<60
5	Sulphur Dioxide (SO ₂)	µg/m³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024810F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08317

Report Number : EQNX:001:AA:25:03:08317/A



NABL Scope



TC-4820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited

Sampling Location : Near WNA 3 Plant Area

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208

Sample Sub Group : Ambient Air Quality

Contact Person : Madan Popeta

Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	23-Mar-2025	23-Mar-2025	29-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.37	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	85.3	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024810F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08317

Report Number : EQNX-001:AA:25:03:08317/A



NABL Scope



YC-4820

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	79.4	<100
4	Particulate Matter < 2.5 µm	µg/m³	CFR 40 – Appendix L	50.4	<60
5	Sulphur Dioxide (SO ₂)	µg/m³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024811F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08318

Report Number : EQNX:001:AA:25:03:08318/A



NABL Scope



TC-6820

Information Provided by Customer

Client Name : Deepak Fertilizers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Tal. Panvel, Dist. Raigad, Tal. Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Acid Tank
Sample Sub Group : Ambient Air Quality
Sample Name : Ambient Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-33-00, SOP-ENV-34-00

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	23-Mar-2025	23-Mar-2025	29-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic	ng/m ³	SOP-CHM-27-01	< 0.005	<6
2	Benzo (a) pyrene	ng/m ³	IS 5182 (Part - 12) : 2004	< 0.1	<1
3	Nickel	ng/m ³	SOP-CHM-27-01	< 0.02	<20
4	Lead	µg/m ³	SOP-CHM-27-01	< 0.5	<1
5	Benzene	µg/m ³	IS 5182 (Part - 11) : 2006	< 1	<5

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.49	<4
2	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 411	7.62	<180

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000024811F

Report Issue Date : 31-Mar-2025

Reference Number : 001:AA:25:03:08318

Report Number : EQNX-001:AA:25:03:08318/A



NABL Scope



TC-8828

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Particulate Matter < 10 µm	µg/m³	IS 5182 (Part - 23) : 2006 (Reaffirmed 2022)	91.3	<100
4	Particulate Matter < 2.5 µm	µg/m³	CFR 40 – Appendix L	52.4	<60
5	Sulphur Dioxide (SO ₂)	µg/m³	IS 5182 (Part - 2) : 1985 (Reaffirmed 2019)	<6.0	<80
6	Ammonia	µg/m³	Method of Air Sampling and Analysis, 3rd Edition – Method No - 401	<2.0	<400
7	Nitrogen Dioxide	µg/m³	IS 5182 (Part - 6) : 2006 (Reaffirmed 2022)	<2.5	<80

Comment : 1. NAAQS : National Ambient Air Quality Standards.

Remark : 1. The above results found satisfactory as per NAAQS Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000089214F

Report Issue Date : 30-Dec-2024

Reference Number : 001:W:24:11:09594

Report Number : EQNX:001:W:24:11:09594



Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad, 410208, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Ground floor, ETP Plant Area
Sample Sub Group : Ground Water
Sample Name : Ground Water

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition : 2 Ltr. water in a white HDPE bottle is intact without any leaks or breaks

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Nov-2024	29-Nov-2024	30-Nov-2024	03-Dec-2024

Result of Analysis

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis
1	Phorate	µg/l	SOP-CHM-38-01	<0.01
2	DDT and its Isomers	µg/l	SOP-CHM-38-01	<0.01
3	gamma-HCH	µg/l	SOP-CHM-38-01	<0.01
4	alpha-HCH	µg/l	SOP-CHM-38-01	<0.01
5	beta-HCH	µg/l	SOP-CHM-38-01	<0.01
6	delta-HCH	µg/l	SOP-CHM-38-01	<0.01
7	Endosulfan	µg/l	SOP-CHM-38-01	<0.01
8	Monocrotophos	µg/l	SOP-CHM-38-01	<0.01
9	Ethion	µg/l	SOP-CHM-38-01	<0.01
10	Butachlor	µg/l	SOP-CHM-38-01	<0.01
11	Alachlor	µg/l	SOP-CHM-38-01	<0.01
12	Atrazine	µg/l	SOP-CHM-38-01	<0.01

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000089214F
Report Issue Date : 30-Dec-2024
Reference Number : 001/W:24:11:09594
Report Number : EQNX:001/W:24:11:09594



NASL Scope

TC-4826

Sr.No	Parameters	Units	Methods	Results of Analysis
13	Malathion	µg/l	SOP-CHM-38-01	<0.01
14	Aldrin and Dieldrin	µg/l	SOP-CHM-38-01	<0.01
15	Chlorpyrifos	µg/l	SOP-CHM-38-01	<0.01
16	Methyl Parathion	µg/l	SOP-CHM-38-01	<0.01
17	2,4-Dichlorophenoxyacetic acid	µg/l	SOP-CHM-38-01	<0.01
18	Isoproturon	µg/l	SOP-CHM-38-01	<0.01

Remark : 1. The sample conforms to IS 10500 : 2012 (Acceptable limits) for the parameters tested.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Dr. Manisha Kharade

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

URL : TC5820240000727609

Reference Number : EQNX-001/LAB/A-24/10-02517 A

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal Panyal, Dist Raigarh.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT - 1
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 7-Oct-24
Date of Receipt : 8-Oct-24
Date of Start of Analysis : 9-Oct-24
Date of End of Analysis : 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.5	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	<0.0030	< 5	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.

Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

*****END OF REPORT*****

Technical Manager - Instrumentation
(Authorized Signatory)
Mr. Sachin Tambe



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabate, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

Reference Number : EQNX-001-LAB-A-24-10-02517-B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal Panyal, Dist Raigad.
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT-1
Sample Description : Workplace Air Quality Monitoring
Date of Sampling : 7-Oct-24
Date of Receipt : 8-Oct-24
Date of Start of Analysis : 9-Oct-24
Date of End of Analysis : 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 505	0.047	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB.A.24.10.02515 A

Report Issue Date : 15-Oct-24

ULR - TC082024000372758F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Panvel, Dist Raigad.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT-2
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 7-Oct-24
Date of Receipt : 8-Oct-24
Date of Start of Analysis : 9-Oct-24
Date of End of Analysis : 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	<0.0020	< 5	OSHA
2	Carbon Monoxide	mgm ³	SOP-ENV-04-02	0.56	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	<0.0020	< 5	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare




Technical Manager - Instrumentation
(Authorized Signatory)
Mr. Sachin Tambe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

Reference Number : EQNX-001 (LAB-A-24/10/02515 B)

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Panyar, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT - 2
Sample Description : Workplace Air Quality Monitoring
Date of Sampling : 7-Oct-24
Date of Receipt : 8-Oct-24
Date of Start of Analysis : 9-Oct-24
Date of End of Analysis : 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.052	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A-24/10.02510 A

Report Issue Date : 15-Oct-24

ULR : TC682024000072759F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Tilaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT - 5
Sample Description : Workplace Air Quality Monitoring
Date of Sampling : 7-Oct-24
Date of Receipt : 8-Oct-24
Date of Start of Analysis : 9-Oct-24
Date of End of Analysis : 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	0.73	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.53	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	<0.0020	< 5	OSHA

* OSHA -Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorized Signatory)
Mr. Abul Mandhare




Technical Manager - Instrumentation
(Authorized Signatory)
Mr. Sachin Tambe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 15-Oct-24

Reference Number : EQNX-001-LAB-A-24-10-02518-B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6 MIDC Talaja, Tal Panyet, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 7-Oct-24
Sampling Location	: GT - 5	Date of Receipt	: 8-Oct-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 9-Oct-24
		Date of End of Analysis	: 11-Oct-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.051	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682025000004210F

Report Issue Date : 22-Jan-2025

Reference Number : 001:WPM:25:01:04546

Report Number : EQNX:001:WPM:25:01:04546/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal, Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition:

Date of Sampling

15-Jan-2025

Date of Receipt

15-Jan-2025

Start Date of Analysis

15-Jan-2025

End Date of Analysis

20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	<5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	<5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.56	<50

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Signature of Shirish Gangarkar

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000004210F

Report Issue Date : 22-Jan-2025

Reference Number : 001:WPM:25:01:04546

Report Number : EQNX:001:WPM:25:01:04546/A



NARS Scope



TC-6820



Download Report

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04546
Report Number : EQNX.001:WPM:25:01:04546/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
15-Jan-2025	15-Jan-2025	15-Jan-2025	20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.59	< 15

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Mansha Kharade

Dr. Mansha Kharade
Quality Manager
(Reviewed & Authorised By)

Lang

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04548
Report Number : EQNX:001:WPM:25:01:04548/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

———— End Of Report ————

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000004211F

Report Issue Date : 22-Jan-2025

Reference Number : 001/WPM:25:01:04547

Report Number : EQNX-001/WPM:25:01:04547/A



NAEIL Scope



TC 4820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Parvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition:

Date of Sampling

15-Jan-2025

Date of Receipt

15-Jan-2025

Start Date of Analysis

15-Jan-2025

End Date of Analysis

20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	<5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	<5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.60	<50

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Your Testing and Auditing Partner

Signature

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000004211F

Report Issue Date : 22-Jan-2025

Reference Number : 001:WPM:25:01:04547

Report Number : EQNX:001:WPM:25:01:04547/A



NABL Scope



TC-9001



Download Report

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04547
Report Number : EQNX:001:WPM:25:01:04547/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Parvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
15-Jan-2025	15-Jan-2025	15-Jan-2025	20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.66	< 15

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Long

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04547
Report Number : EQNX:001:WPM:25:01:04547/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can effect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000004213F

Report Issue Date : 22-Jan-2025

Reference Number : 001:WPM:25:01:04548

Report Number : EQNX:001:WPM:25:01:04548/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition:

Date of Sampling

Date of Receipt

Start Date of Analysis

End Date of Analysis

15-Jan-2025

15-Jan-2025

15-Jan-2025

20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	<5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.47	< 50

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



[Signature]

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000004213F

Report Issue Date : 22-Jan-2025

Reference Number : 001:WPM:25:01:04548

Report Number : EQNX:001:WPM:25:01:04548/A



NAAB: Source



TC-003



Download Report

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

———— End Of Report ————

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04548
Report Number : EQNX:001:WPM:25:01:04548/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT - 5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Batch-No : na

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
15-Jan-2025	15-Jan-2025	15-Jan-2025	20-Jan-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.65	< 15

Comment : 1. *Limits as per OSHA
2. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

[Signature]

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 22-Jan-2025
Reference Number : 001:WPM:25:01:04548
Report Number : EQNX:001:WPM:25:01:04548/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682024000099475F

Report Issue Date : 02-Jan-2025

Reference Number : 001:WPM:24:12:10481

Report Number : EQNX:001:WPM:24:12:10481/A



NABL Scope



TC-4938

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos: K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal, Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	< 5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5
3	Carbon Monoxide	mg/m ³	SOP-ENV-30-00	0.56	< 50

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Langf

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000099475F

Report Issue Date : 02-Jan-2025

Reference Number : 001:WPM:24:12:10481

Report Number : EQNX:001:WPM:24:12:10481/A



NABL Scope



TC-6820

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10481
Report Number : EQNX:001:WPM:24:12:10481/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Sampling Location : GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring
Contact Person : Madan Popela

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.051	< 15

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Long

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10481
Report Number : EQNX:001:WPM:24:12:10481/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

TEST REPORT

ULR-TC682024000099476F
Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10482
Report Number : EQNX:001:WPM:24:12:10482/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Sampling Location : GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	< 5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.61	< 50

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards


Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)





Your Testing and Auditing Partner

TEST REPORT

ULR-TC682024000099476F

Report Issue Date : 02-Jan-2025

Reference Number : 001:WPM:24:12:10482

Report Number : EQNX-001:WPM:24:12:10482/A



NASL Scope



TC-6820

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10482
Report Number : EQNX:001:WPM:24:12:10482/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Sampling Location : GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.048	< 15

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Long

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10482
Report Number : EQNX:001:WPM:24:12:10482/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

TEST REPORT

ULR-TC682024000099477F

Report Issue Date : 02-Jan-2025

Reference Number : 001/WPM:24:12:10483

Report Number : EQNX:001/WPM:24:12:10483/A



NABL Scope



TC-4838

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Sampling Location : GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	< 5
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.57	< 50

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Handwritten signature

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682D24000099477F

Report Issue Date : 02-Jan-2025

Reference Number : 001:WPM:24:12:10483

Report Number : EQNX:001:WPM:24:12:10483/A



NABL Scope



TC-682

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10483
Report Number : EQNX:001:WPM:24:12:10483/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Sampling Location : GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Air Quality Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
27-Dec-2024	28-Dec-2024	28-Dec-2024	31-Dec-2024

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.062	< 15

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Lang

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 02-Jan-2025
Reference Number : 001:WPM:24:12:10483
Report Number : EQNX:001:WPM:24:12:10483/B

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



[Download Report](#)

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A/24/11/06288 A

Report Issue Date : 29-Nov-24

UIR - TC652024000067999F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvat, Dist Raigad.
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT - 1
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 20-Nov-24
Date of Receipt : 23-Nov-24
Date of Start of Analysis : 23-Nov-24
Date of End of Analysis : 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.56	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.02	< 5	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 29-Nov-24

Reference Number : EQNX-001-LAB-A-24-11-06288 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taloja, Tal Parelvi, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: GOP-ENV-02-01	Date of Sampling	: 20-Nov-24
Sampling Location	: GT - 1	Date of Receipt	: 23-Nov-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 23-Nov-24
		Date of End of Analysis	: 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.040	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.


Assistant Manager - Air
(Authorised Signatory)

Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****





Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB-A/24/11/08289 A

Report Issue Date : 29-Nov-24

ULR - TC682024000088000F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvat, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GE - 2
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 20-Nov-24
Date of Receipt : 23-Nov-24
Date of Start of Analysis : 23-Nov-24
Date of End of Analysis : 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.53	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	<0.0020	< 5	OSHA

*OSHA -Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 29-Nov-24

Reference Number : EQNX/001/LAB/A/24-11-08289 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvel, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SDP-ENV-02-01	Date of Sampling	: 20-Nov-24
Sampling Location	: GT - 2	Date of Receipt	: 23-Nov-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 23-Nov-24
		Date of End of Analysis	: 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.050	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.


Assistant Manager - Air
(Authorised Signatory)

Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****





Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A-24/11/08290 A

Report Issue Date : 29-Nov-24

ULR - TC682024000088001F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvat, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 20-Nov-24
Sampling Location	: GT - 5	Date of Receipt	: 23-Nov-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 23-Nov-24
		Date of End of Analysis	: 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Sulphur Dioxide	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.61	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.014	< 5	OSHA

*OSHA -Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


Assistant Manager - Air
(Authorised Signatory)

Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results




Technical Manager - Instrumentation
(Authorised Signatory)
Mr. Sachin Tambe

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 29-Nov-24

Reference Number : EQNX-001-LAB-A-24-11-08290 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos K-1 Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Panvel, Dist Raigad.
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 20-Nov-24
Sampling Location	: GT - 5	Date of Receipt	: 23-Nov-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 23-Nov-24
		Date of End of Analysis	: 27-Nov-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1.	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.054	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare
Note :



1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682025000016797F

Report Issue Date : 08-Mar-2025

Reference Number : 001:WPM:25:03:00039

Report Number : EQNX:001:WPM:25:03:00039/A



NABL Scope



TC-6820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT Utility Plant GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	06-Mar-2025

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	< 5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.58	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards


Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)





Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000016797F

Report Issue Date : 08-Mar-2025

Reference Number : 001-WPM:25:03:00039

Report Number : EQNX:001:WPM:25:03:00039/A



NABL Scope



TC-6820



Download Report

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001.WPM:25:03:00039
Report Number : EQNX:001.WPM:25:03:00039/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT Utility Plant GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	06-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.048	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

[Signature]

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabaie, Navi Mumbai, Maharashtra
400701

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001:WPM:25:03:00039
Report Number : EQNX:001:WPM:25:03:00039/B

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results.



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabaie, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682025000016798F

Report Issue Date : 08-Mar-2025

Reference Number : 001/WPM/25/03/00040

Report Number : EQNX:001/WPM/25/03/00040/A



NABL Scope



TC 6820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Utility Plant GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	06-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0023	<5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0020	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.53	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Jitendra Ahire

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000016798F

Report Issue Date : 08-Mar-2025

Reference Number : 001:WPM:25.03:00040

Report Number : EQNX.001:WPM:25.03:00040/A



NABL Scope



TC-4428

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001/WPM:25:03:00040
Report Number : EQNX:001/WPM:25:03:00040/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near Utility Plant GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	06-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.062	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Jitendra Ahire

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001;WPM:25:03:00040
Report Number : EQNX:001;WPM:25:03:00040/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682025000016800F

Report Issue Date : 08-Mar-2025

Reference Number : 001:WPM:25:03:00043

Report Number : EQNX:001:WPM:25:03:00043/A



NABL Scope



PC-4820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT Utility Plant GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	03-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	<5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	0.039	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.63	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Jitendra Ahire

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000016800F

Report Issue Date : 08-Mar-2025

Reference Number : 001:WPM:25:03:00043

Report Number : EQNX:001:WPM:25:03:00043/A



NABL Scope



TC-6820

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

———— End Of Report ————

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001/WPM:25:03:00043
Report Number : EQNX:001/WPM:25:03:00043/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT Utility Plant GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
28-Feb-2025	01-Mar-2025	01-Mar-2025	03-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.053	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. The above results found satisfactory as per OSHA Standards



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Jitendra

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 08-Mar-2025
Reference Number : 001/WPM:25:03:00043
Report Number : EQNX:001/WPM:25:03:00043/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Page 2 of 2

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

ULR-TC682025000025305F

Report Issue Date : 29-Mar-2025

Reference Number : 001/WPM:25:03:08344

Report Number : EQNX:001/WPM:25:03:08344/A



NABL Scope



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	<0.0020	<5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.50	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000025305F

Report Issue Date : 29-Mar-2025

Reference Number : 001:WPM:25:03:08344

Report Number : EQNX:001:WPM:25:03:08344/A



NABL Scope



TC-0001

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0185063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08344
Report Number : EQNX:001:WPM:25:03:08344/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Sampling Location : Near GT-1
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.049	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

[Signature]

Your Testing and Auditing Partner

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08344
Report Number : EQNX:001:WPM:25:03:08344/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000025306F

Report Issue Date : 29-Mar-2025

Reference Number : 001:WPM:25:03:08346

Report Number : EQNX:001:WPM:25:03:08346/A



NABL Scope



TC-4820

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Parvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	0.0012	<5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.47	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000025306F

Report Issue Date : 29-Mar-2025

Reference Number : 001:WPM:25:03:08346

Report Number : EQNX:001:WPM:25:03:08346/A



NABL Scope



TC 4020

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08346
Report Number : EQNX:001:WPM:25:03:08346/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT-2
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition:

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.048	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08346
Report Number : EQNX:001:WPM:25:03:08346/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

———— End Of Report ————

Your Testing and Auditing Partner

TEST REPORT

ULR-TC682025000025307F

Report Issue Date : 29-Mar-2025

Reference Number : 001.WPM:25:03:08348

Report Number : EQNX:001:WPM:25:03:08348/A



Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01

Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

Result of Analysis

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Oxides of Nitrogen	ppm	SOP-ENV-07-02	0.0010	<5	OSHA
2	Sulphur Dioxide (SO ₂)	ppm	SOP-ENV-13-02	<0.0023	< 5	OSHA
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.60	< 50	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Long

Your Testing and Auditing Partner

Testing Lab Address : Equinox Center, R65,
TTC, Rabale, Navi Mumbai, Maharashtra
400701

TEST REPORT

ULR-TC682025000025307F

Report Issue Date : 29-Mar-2025

Reference Number : 001:WPM:25:03:08348

Report Number : EQNX:001:WPM:25:03:08348/A



NABL Scope



TC-4826



Download Report

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

----- End Of Report -----

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701.

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08348
Report Number : EQNX:001:WPM:25:03:08348/B

Information Provided by Customer

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Taloja, Tal. Panvel, Dist. Raigad, Taloja, Maharashtra, India-410208
Contact Person : Madan Popeta
Sampling Location : Near GT-5
Sample Sub Group : Workplace Monitoring
Sample Name : Workplace Monitoring

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-02-01
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition :

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
20-Mar-2025	22-Mar-2025	22-Mar-2025	27-Mar-2025

----- Result of Analysis -----

Discipline : Chemical Group : Atmospheric Pollution

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit	Standard
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.050	< 15	OSHA

Comment : 1. *OSHA-Occupational Safety and Health Administration.

Remark : 1. All the parameters are found within limits.



Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Your Testing and Auditing Partner

Long

TEST REPORT

Report Issue Date : 29-Mar-2025
Reference Number : 001:WPM:25:03:08348
Report Number : EQNX:001:WPM:25:03:08348/B

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue date: 2-Jan-25

Reference Number : EQNX.001:LAB: W:24:10:09895 A R

ULR - TC682024000079815F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mahadhan AgriTech Limited

Sampling Location : Ground Floor, ETP Plant

Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal.
Panvel, Dist. Raigad

Sample Description : ETP Outlet

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-02

Date of Sampling : 30-Oct-24

Date of Receipt : 31-Oct-24

Sample Drawn By : Equinox Labs - Shirish Gangarkar

Date of Start of Analysis : 31-Oct-24

Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks
or breaks.

Date of End of Analysis : 7-Nov-24

RESULTS OF ANALYSIS

Discipline: Chemical

Group: Pollution and Environment

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits
1	pH-Value	-	IS 3025 : Part 11 : 2022	6.81	6.5 to 8.5
2	Chemical Oxygen Demand	mg / l	IS 3025 : Part 58 : 2008	57.3	Max 250
3	Biochemical oxygen demand (3 days at 27°C)	mg / l	IS 3025 : Part 44 : 2023	17.6	Max 100
4	Oil & Grease	mg / l	IS 3025 : Part 39 : 2021	<4.0	Max 10
5	Total Suspended Solids	mg / l	IS 3025 : Part 17 : 2022	8	Max 100
6	Nitrate Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff.2019	18.7	Max 20
7	Fluoride as F	mg / l	IS:3025(Part60)-2008 Reaff.2019	4.3	Max 10
8	Cyanide as CN	mg / l	IS:3025(Part27)-Sec 1 : 2021	<0.01	Not Specified
9	Phenol	mg / l	IS 3025 Part 43 : Sec I : 2022	<0.001	Not Specified
10	Residual Free Chlorine	mg / l	IS:3025(Part26) : 2021	<0.05	Not Specified
11	Phosphorus	mg / l	IS 3025 Part 31 : 1988	17	Not Specified



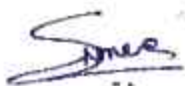
TC-6820

Reference Number : EQNX-001:LAB: W:24:10:09895 A R

ULR - TC882024000079815F

Group: Residue and Contamination in WaterHeavy Metals :

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits
1	Arsenic	mg / l	SOP-CHM-27-01 PART B 2022	0.06	Not Specified
2	Cadmium as Cd	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
3	Chromium as Cr	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
4	Copper	mg / l	SOP-CHM-27-01 PART B 2022	<0.01	Not Specified
5	Iron as Fe	mg / l	SOP-CHM-27-01 PART B 2022	0.1	Not Specified
6	Lead as Pb	mg / l	SOP-CHM-27-01 PART B 2022	<0.01	Not Specified
7	Nickel as Ni	mg / l	SOP-CHM-27-01 PART B 2022	2.7	Not Specified
8	Zinc as Zn	mg / l	SOP-CHM-27-01 PART B 2022	<1.0	Not Specified

Remark: The samples conform for the parameters tested.

Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More



TC-6820



Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The information provided by customer can affect the validity of results.
5. This report is issued in lieu of the report number W:24:10:09895 A dated 13-12-2024.

******END OF REPORT******

EQUINOX TEST REPORT

Report Issue date: 2-Jan-25

Reference Number : EQNX.001:LAB: W:24:10:09895 B R

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mahadhan AgriTech Limited Sampling Location : Ground Floor, ETP Plant
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), MIDC Taloja, Tal. Panvel, Dist. Raigad Sample Description : ETP Outlet
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-02 Date of Sampling : 30-Oct-24
Date of Receipt : 31-Oct-24
Sample Drawn By : Equinox Labs - Shirish Gangarkar Date of Start of Analysis : 31-Oct-24
Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks or breaks. Date of End of Analysis : 7-Nov-24

RESULTS OF ANALYSIS

Discipline: Chemical

Group: Pollution and Environment

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits
1	Temperature	°C	IS 3025 Part 9 : 1984	26	Not Specified
2	Total Dissolved Solids	mg / l	IS 3025 : Part 16 : 2023	1360	Max 2100
3	Free Ammoniacal Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff.2019	3.4	Max 4
4	Dissolved Phosphate as P	mg / l	IS 3025 : Part - 31 : 1988	4.2	Max 5
5	Total Kjeldhal Nitrogen (TKN) as N	mg / l	IS 3025 : Part - 34 : 1988	68.7	Max 75
6	Free Cyanide	mg / l	IS 3025 : Part - 27 : Sec 1 : 2021	<0.01	Not Specified
7	Ammonical Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff. 2019	47.3	Max 50

Group: Residue and Contamination in Water

Heavy Metals :

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits
1	Vanadium	mg / l	By ICP - OES	<0.1	Not Specified

Remark: The samples conform for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More



Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The information provided by customer can affect the validity of results.
5. This report is issued in lieu of the report number W:24:10:09895 B dated 13-12-2024.

****END OF REPORT****

EQUINOX TEST REPORT

Report Issue date: 13-Dec-24

Reference Number : EQNX:001:LAB: W:24:11:09635 A

ULR - TC682024000089245F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mahadhan AgriTech Limited

Sampling Location : Ground Floor, ETP Plant

Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal.
Panvel, Dist. Raigad

Sample Description : ETP Outlet Water

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-02

Date of Sampling : 28-Nov-24

Date of Receipt : 29-Nov-24

Sample Drawn By : Equinox Labs - Shirish Gangarkar

Date of Start of Analysis : 29-Nov-24

Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks or breaks.

Date of End of Analysis : 4-Dec-24

RESULTS OF ANALYSIS

Discipline: Chemical

Group: Pollution and Environment

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits*
1	pH-Value	-	IS 3025 : Part 11 : 2022	7.34	6.5 to 8.5
2	Chemical Oxygen Demand	mg / l	IS 3025 : Part 58 : 2006	16.3	Max 250
3	Biochemical oxygen demand (3 days at 27°C)	mg / l	IS 3025 : Part 44 : 2023	5.1	Max 100
4	Oil & Grease	mg / l	IS 3025 : Part 39 : 2021	<4.0	Max 10
5	Total Suspended Solids	mg / l	IS 3025 : Part 17 : 2022	20.0	Max 100
6	Nitrate Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff.2019	10.3	Max 20
7	Fluoride as F	mg / l	IS:3025(Part60)-2008 Reaff.2019	<0.1	Max 10
8	Cyanide as CN	mg / l	IS:3025(Part27)-Sec 1 : 2021	<0.01	Not Specified
9	Phenol	mg / l	IS 3025 Part 43 : Sec I : 2022	<0.001	Not Specified
10	Residual Free Chlorine	mg / l	IS:3025(Part26) : 2021	<0.05	Not Specified
11	Phosphorus	mg / l	IS 3025 Part 31 : 1988	15.0	Not Specified



TC-6820

Reference Number : EQNX:001:LAB: W-24:11:09835 A

ULR - TC882024000089245F

Group: Residue and Contamination in Water**Heavy Metals :**

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits*
1	Arsenic	mg / l	SOP-CHM-27-01 PART B 2022	0.04	Not Specified
2	Cadmium as Cd	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
3	Chromium as Cr	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
4	Copper	mg / l	SOP-CHM-27-01 PART B 2022	<0.01	Not Specified
5	Iron as Fe	mg / l	SOP-CHM-27-01 PART B 2022	0.10	Not Specified
6	Lead as Pb	mg / l	SOP-CHM-27-01 PART B 2022	<0.01	Not Specified
7	Nickel as Ni	mg / l	SOP-CHM-27-01 PART B 2022	2.4	Not Specified
8	Zinc as Zn	mg / l	SOP-CHM-27-01 PART B 2022	<1.0	Not Specified

*Limits as per CTO.

Remark: The samples conforms for the parameters tested.Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More

TC-8820

Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade**Note:**

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The information provided by customer can affect the validity of results.
5. This report is issued in lieu of the report number W-24-10:00271 A dated 16-Oct-2024

*****END OF REPORT*****

EQUINOX TEST REPORT

Report Issue date: 13-Dec-24

Reference Number : EQNX:001:LAB: W-24:11:09635 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mahadhan AgriTech Limited Sampling Location : Ground Floor, ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. Raigad Sample Description : ETP Outlet Water
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-02 Date of Sampling : 28-Nov-24
Date of Receipt : 29-Nov-24
Sample Drawn By : Equinox Labs - Shirish Gangarkar Date of Start of Analysis : 29-Nov-24
Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks or breaks Date of End of Analysis : 4-Dec-24

RESULTS OF ANALYSIS

Discipline: Chemical

Group: Pollution and Environment

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits*
1	Temperature	°C	IS 3025 Part 9 : 1984	28.5	Not Specified
2	Total Dissolved Solids	mg / l	IS 3025 : Part 16 : 2023	1570.0	Max 2100
3	Free Ammoniacal Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff.2019	3.4	Max 4
4	Dissolved Phosphate as P	mg / l	IS 3025 : Part - 31 : 1988	2.3	Max 5
5	Total Kjeldhal Nitrogen (TKN) as N	mg / l	IS 3025 : Part - 34 : 1988	5.9	Max 75
6	Free Cyanide	mg / l	IS 3025 : Part - 27 :Sec I : 2021	<0.01	Not Specified
7	Ammonical Nitrogen as N	mg / l	IS:3025(Part34)-1988 Reaff. 2019	37.8	Max 50

Group: Residue and Contamination in Water

Heavy Metals :

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits*
1	Vanadium	mg / l	By ICP - OES	<0.1	Not Specified

*Limits as per CTO.

Remark: The samples conforms for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More



Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The information provided by customer can affect the validity of results.
5. This report is issued in lieu of the report number W-24:10:00271 B dated 16-Oct-2024

****END OF REPORT****

TEST REPORT

ULR-TC682024000097345F
Report Issue Date : 30-Dec-2024
Reference Number : 001:EW:24:12:07982
Report Number : EQNX:001:EW:24:12:07982/A



Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208,Taloja,Maharashtra,India-410208
Sampling Location : ETP Outlet
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition : 4 ltr water sample in white HDPE bottles. Sample is intact without any leaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
19-Dec-2024	20-Dec-2024	20-Dec-2024	26-Dec-2024

————— Result of Analysis —————

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	pH - Value at 25°C	-	IS 3025 (Part 11)	7.55	6.5-8.5
2	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	25.0	Max 250
3	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
4	Nitrate Nitrogen as N	mg/l	IS 3025 (Part 34)	3.8	Max 20
5	Oil & Grease	mg/l	IS 3025 (Part 39)	<4.0	Max 10.0
6	Total Dissolved Solids at 180°C	mg/l	IS 3025 (Part 16)	910.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	6.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	7.7	Max 100
9	Dissolved Phosphate as P	mg/l	IS 3025 (Part 31)	2.4	Max 5
10	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
11	Phosphorous	mg/l	IS 3025 (Part 31)	1.2	Not Specified

TEST REPORT

ULR-TC682024000097345F
Report Issue Date : 30-Dec-2024
Reference Number : 001:EW:24:12:07982
Report Number : EQNX:001:EW:24:12:07982/A



Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
12	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
2	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
3	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
4	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	< 1.0	Not Specified
5	Copper	mg/l	SOP-CHM-27-01 (Part B)	0.02	Not Specified
6	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	< 0.1	Non Specified

Comment : - 1. *Limits as per CTO

Remark : - 1. The sample conforms to the limits for the parameters tested.

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Download Report

———— End Of Report ————

TEST REPORT

Report Issue Date : 30-Dec-2024
Reference Number : 001:EW:24:12:07982
Report Number : EQNX:001:EW:24:12:07982/B

Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208,Taloja,Maharashtra,India-410208
Sampling Location : ETP Outlet
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition : 4 ltr water sample in white HDPE bottles. Sample is intact without any leaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
19-Dec-2024	20-Dec-2024	20-Dec-2024	26-Dec-2024

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	20.8	Max 50
2	Free Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	2.8	Max 4.0
3	Temperature	°C	IS 3025 (Part 9)	26.0	Not Specified
4	Total Kjeldahl Nitrogen (TKN) as N	mg/l	IS 3025 (Part 34)	32	Max 75
5	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
6	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic as As	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified

TEST REPORT

Report Issue Date : 30-Dec-2024
Reference Number : 001:EW:24:12:07982
Report Number : EQNX:001:EW:24:12:07982/B

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
2	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Download Report

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

———— End Of Report ————

TEST REPORT

ULR-TC682025000005136F
Report Issue Date : 30-Jan-2025
Reference Number : 001:EW:25:01:05201
Report Number : EQNX:001:EW:25:01:05201/A



NABL Scope



Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208,Taloja,Maharashtra,India-410208
Sampling Location : Ground Floor, ETP Plant Area
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition : 4Ltr of sample in White HDPE bottle ,sample is intact without any leaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
17-Jan-2025	17-Jan-2025	17-Jan-2025	23-Jan-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	pH - Value at 25°C	-	IS 3025 (Part 11)	8.14	6.5-8.5
2	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	111.0	Max 250
3	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
4	Nitrate Nitrogen as N	mg/l	IS 3025 (Part 34)	0.45	Max 20
5	Oil & Grease	mg/l	IS 3025 (Part 39)	<4.0	Max 10.0
6	Total Dissolved Solids at 180°C	mg/l	IS 3025 (Part 16)	1650.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	22.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	35.5	Max 100
9	Dissolved Phosphate as P	mg/l	IS 3025 (Part 31)	3.0	Max 5
10	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
11	Phosphorous	mg/l	IS 3025 (Part 31)	0.3	Not Specified

TEST REPORT

ULR-TC682025000005136F

Report Issue Date : 30-Jan-2025

Reference Number : 001:EW:25:01:05201

Report Number : EQNX:001:EW:25:01:05201/A



NABL Scope



TC-4828

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
12	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
2	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
3	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
4	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	< 1.0	Not Specified
5	Copper	mg/l	SOP-CHM-27-01 (Part B)	0.013	Not Specified
6	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

Comment : - 1. *Limits as per CTO

Remark : - 1. The sample conforms to the limits for the parameters tested.

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Download Report

———— End Of Report ————

TEST REPORT

Report Issue Date : 30-Jan-2025
Reference Number : 001:EW:25:01:05201
Report Number : EQNX:001:EW:25:01:05201/B

Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208, Taloja, Maharashtra, India-410208
Sampling Location : Ground Floor, ETP Plant Area
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Shirish Gangarkar

Quantity & Condition : 4Ltr of sample in White HDPE bottle ,sample is intact without any leaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
17-Jan-2025	17-Jan-2025	17-Jan-2025	23-Jan-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	0.7	Max 50
2	Free Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	0.7	Max 4.0
3	Temperature	°C	IS 3025 (Part 9)	26.0	Not Specified
4	Total Kjeldahl Nitrogen (TKN) as N	mg/l	IS 3025 (Part 34)	<0.1	Max 75
5	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
6	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Arsenic as As	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified

TEST REPORT

Report Issue Date : 30-Jan-2025
Reference Number : 001:EW:25:01:05201
Report Number : EQNX:001:EW:25:01:05201/B

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
2	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)



Download Report

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results

———— End Of Report ————

TEST REPORT

ULR-TC682025000015019F

Report Issue Date : 06-Mar-2025

Reference Number : 001:EW:25:02:05944

Report Number : EQNX:001:EW:25:02:05944/A



NABL Scope



TC-4028

Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208, Taloja, Maharashtra, India-410208
Sampling Location : Ground Floor, ETP Plant
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water M.L.
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02 Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition : 4 Ltr. water sample in white HDPE bottle is intact without any leaks or breaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
18-Feb-2025	19-Feb-2025	19-Feb-2025	03-Mar-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	pH - Value at 25°C	-	IS 3025 (Part 11)	8.12	6.5-8.5
2	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	39.2	Max 250
3	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
4	Nitrate Nitrogen as N	mg/l	IS 3025 (Part 34)	4.1	Max 20
5	Oil & Grease	mg/l	IS 3025 (Part 39)	<4.0	Max 10.0
6	Total Dissolved Solids at 180°C	mg/l	IS 3025 (Part 16)	2000.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	48.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	12.4	Max 100
9	Dissolved Phosphate as P	mg/l	IS 3025 (Part 31)	4.5	Max 5
10	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
11	Phosphorous	mg/l	IS 3025 (Part 31)	0.5	Not Specified

TEST REPORT

ULR-TC682025000015019F

Report Issue Date : 06-Mar-2025

Reference Number : 001:EW:25:02:05944

Report Number : EQNX:001:EW:25:02:05944/A



NABL Scope



TC-4028

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
12	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis
1	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	<0.001
2	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	<0.01
3	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	0.014
4	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	<1.0
5	Copper	mg/l	SOP-CHM-27-01 (Part B)	0.037
6	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	<0.1

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

———— End Of Report ————

TEST REPORT

Report Issue Date : 06-Mar-2025
Reference Number : 001:EW:25:02:05944
Report Number : EQNX:001:EW:25:02:05944/B

Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208,Taloja,Maharashtra,India-410208
Sampling Location : Ground Floor, ETP Plant
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water M.L.
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02 Sample Drawn by : Equinox Labs - Jitendra Ahire

Quantity & Condition : 4 Ltr. water sample in white HDPE bottle is intact without any leaks or breaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
18-Feb-2025	19-Feb-2025	19-Feb-2025	03-Mar-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	3.2	Max 50
2	Free Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	3.2	Max 4.0
3	Temperature	°C	IS 3025 (Part 9)	26.1	Not Specified
4	Total Kjeldahl Nitrogen (TKN) as N	mg/l	IS 3025 (Part 34)	<0.1	Max 75
5	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
6	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis
1	Arsenic as As	mg/l	SOP-CHM-27-01 (Part B)	<0.001

TEST REPORT

Report Issue Date : 06-Mar-2025
Reference Number : 001:EW:25:02:05944
Report Number : EQNX:001:EW:25:02:05944/B

Sr.No	Parameters	Units	Methods	Results of Analysis
2	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	<0.001
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	<0.01

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

TEST REPORT

ULR-TC682025000019647F
Report Issue Date : 21-Mar-2025
Reference Number : 001:EW:25:03:02401
Report Number : EQNX:001:EW:25:03:02401/A



Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad,
410208, Taloja, Maharashtra, India-410208
Sampling Location : ETP Plant
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition : 4 Ltr. of water sample in a white HDPE bottle is intact without any leaks or breaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
07-Mar-2025	08-Mar-2025	08-Mar-2025	13-Mar-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	pH - Value at 25°C	-	IS 3025 (Part 11)	7.64	6.5-8.5
2	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	40.2	Max 250
3	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
4	Nitrate Nitrogen as N	mg/l	IS 3025 (Part 34)	17.4	Max 20
5	Oil & Grease	mg/l	IS 3025 (Part 39)	<4.0	Max 10.0
6	Total Dissolved Solids at 180°C	mg/l	IS 3025 (Part 16)	1994.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	16.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	13.0	Max 100
9	Dissolved Phosphate as P	mg/l	IS 3025 (Part 31)	4.6	Max 5
10	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
11	Phosphorous	mg/l	IS 3025 (Part 31)	32.1	Not Sepcified

TEST REPORT

ULR-TC682025000019647F

Report Issue Date : 21-Mar-2025

Reference Number : 001:EW:25:03:02401

Report Number : EQNX:001:EW:25:03:02401/A



NABL Scope



TC-6028

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
12	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis
1	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	<0.001
2	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	<0.01
3	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	<0.01
4	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	<1.0
5	Copper	mg/l	SOP-CHM-27-01 (Part B)	<0.01
6	Iron as Fe	mg/l	SOP-CHM-27-01 (Part B)	<0.1

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

----- End Of Report -----

TEST REPORT

Report Issue Date : 21-Mar-2025
Reference Number : 001:EW:25:03:02401
Report Number : EQNX:001:EW:25:03:02401/B

Information Provided by Customer

Client Name : Mahadhan Agritech Limited
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2),
MIDC Taloja, Tal. Panvel, Dist. Raigad
,410208, Taloja, Maharashtra, India-410208
Sampling Location : ETP Plant
Sample Sub Group : Waste Water & Effluent
Sample Name : ETP Outlet Water
Contact Person : Madan Popeta

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02
Sample Drawn by : Equinox Labs - Vishnu Rajguru

Quantity & Condition : 4 Ltr. of water sample in a white HDPE bottle is intact without any leaks or breaks.

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
07-Mar-2025	08-Mar-2025	08-Mar-2025	13-Mar-2025

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	47.0	Max 50
2	Free Ammonical Nitrogen as N	mg/l	IS 3025 (Part 34)	3.2	Max 4.0
3	Temperature	°C	IS 3025 (Part 9)	26.0	Not Specified
4	Total Kjeldahl Nitrogen (TKN) as N	mg/l	IS 3025 (Part 34)	20.1	Max 75
5	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
6	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Sr.No	Parameters	Units	Methods	Results of Analysis
1	Arsenic as As	mg/l	SOP-CHM-27-01 (Part B)	<0.001

TEST REPORT

Report Issue Date : 21-Mar-2025
Reference Number : 001:EW:25:03:02401
Report Number : EQNX:001:EW:25:03:02401/B

Sr.No	Parameters	Units	Methods	Results of Analysis
2	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	<0.001
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	<0.1

Comment : 1. *Limits as per CTO

Remark : 1. The sample conforms to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.

Dr. Manisha Kharade

Dr. Manisha Kharade
Quality Manager
(Reviewed & Authorised By)

Note:

- This Report is Valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The information provided by customer can affect the validity of results



Download Report

———— End Of Report ————

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R25)

Date: 01/03/2024

No:- Format 1.0/CC/UAN No.MPCB-
CONSENT_AMMENDMENT-0000012331/CO/240300000
8

To,
Deepak Fertilizers & Petrochemicals Corporation
Limited,
Plot Nos. K-1 Part-1, K-2, K-3, K-4, K-5 & K-6, MIDC
Taloja, Tal. Panvel, Dist. Raigad.



Sub: Amendment in existing Consent to Operate. under RED category.

- Ref:**
1. Environment Clearance accorded vide F. No. J-11011/218/2004-IA II (I) dtd. 24.02.2006.
 2. Consent to Operate accorded vide No. Format 1.0/CAC/UAN No.MPCB-CONSENT-0000146287/CO/2301000400 dated 03.01.2023.
 3. Consent to Establish granted vide No. Format 1.0/CAC/UAN No. 0000127936/CE/2207000110 dated 02/7/2022
 4. Minutes of 20th Consent Appraisal Committee meeting held on 11.01.2024

Your application No.MPCB-CONSENT_AMMENDMENT-0000012331 Dated 14.12.2023

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/03/2026**
2. **The capital investment of the project is Rs.643.93 Crs. (As per C.A Certificate submitted by industry Existing-643.76 Cr + Expansion- 0.17 Cr)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Hand Sanitizer (By mixing & blending only)	7200	MT/A
2	METHANOL	99996	MT/A
3	LIQUID CO2	72000	MT/A
4	WEAK NITRIC ACID (Plant No. 3)	99000	MT/A
5	CONCENTRATED NITRIC ACID (Plant Nos. 1,2 and 3)	129600	MT/A
6	Iso Propyl Alcohol	70200	MT/A

Sr No	Product	Maximum Quantity	UOM
7	Di Iso Propyl Ether (DIPE) (FOR DRUM FILLING OPERATION (PACKAGING OPERATION ONLY)	15000	MT/A
8	ISO PROPYL ALCOHOL (FOR DRUM FILLING OPERATION (PACKAGING OPERATION ONLY)	15000	MT/A
9	Electricity power GT-1, 2 and 5 (Gas based excluding DG Sets)	16.9	MW
10	STEAM	696	MT/Day
11	CRUDE DIPE	1440	MT/A
12	Crude IPA/ NPA mixture	1080	MT/A
13	Propane	33000	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1515.86	As per Schedule -I	Sent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, MIDC Taloja and treated effluent discharged in outlet sump of CETP
2.	Domestic effluent	51.5	As per Schedule - I	Sent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, MIDC Taloja and treated effluent discharged in outlet sump of CETP

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Methanol Primary Reformer	1	As per Schedule -II
2	S-2	Weak Nitric Acid plant-3	1	As per Schedule -II
3	S-3	Boiler-A & B	1	As per Schedule -II
4	S-4	Boiler-C	1	As per Schedule -II
5	S-5	Boiler-D	1	As per Schedule -II
6	S-6	Heat Recovery steam generator 1 - Attached to Gas Turbine 1	1	As per Schedule -II
7	S-7	Heat Recovery steam generator 2 - Attached to Gas Turbine 2	1	As per Schedule -II
8	S-8	Heat Recovery steam generator 5 - Attached to Gas Turbine 5	1	As per Schedule -II
9	S-9	DG Set (200 KVA) - IPA Plant	1	As per Schedule -II
10	S-10	DG Set (1000 KVA) - Methanol Plant	1	As per Schedule -II
11	S-11	IPA Flare Stack	1	As per Schedule -II

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
12	S-12	DG Set (20 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	CANTEEN FOOD WASTE	2190	Kg/Annum	Composting (in house or through Auth. agency)	Used as manure
2	PAPER WASTE, CARTOON	730	Kg/Annum	NA	Sale to Auth. Party/ Vendor
3	PACKAGING WASTE	547.5	Kg/Annum	NA	Sale to Auth. Party/ Vendor
4	INSULATION WASTE	20	MT/A	Landfill	CHWTSDF
5	SPUN FILTERS	1	MT/A	Incineration/ Landfill	CHWTSDF

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	15	KL/A	Recycle	Sale to Auth. Party/ Recycler/ CHWTSDF
2	5.2 Wastes or residues containing oil	1.1	MT/A	Incineration	CHWTSDF
3	18.1 Spent catalyst	48.34	MT/A	Recycle/ Landfill	Sale to Auth. Party/ Recycler/ CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	110	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
5	35.1 KMNO4 Sludge/ Process residue	30	MT/A	Recycle/ Secured Landfill after treatment	Sale to Auth. Party/ CHWTSDF
6	33.1 Spray Cans	50	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
7	33.1 Used Containers	1000	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
8	17.2 Spent platinum Rhodium catalyst	35	Kg/Annum	Recycle	Sale to Auth. Party/ CHWTSDF
9	17.2 Spent / Used Denox catalyst (once in 6 year)	3	MT	Recycle	Sale to Auth. Party/ CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
10	35.2 Spent ion exchange resin (DM Resin)	6	MT/A	Recycle / Incineration	Sale to Auth. Party/ CHWTSDF
11	5.2 Used oil filter (non-metallic)	15	MT/A	Incineration	CHWTSDF

8. **Conditions under Batteries (Management & Handling) Rules, 2001:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	LEAD ACID BATTERIES	20.00	Nos./Y	Sale to Auth. Party/ Recycler
2	Ni-Cd BATTERIES	100.00	Nos./Y	Sale to Auth. Party/ Recycler/ CHWTSDF
3	DRY CELL BATTERIES	100.00	Nos./Y	Sale to Auth. Party/ Recycler/ CHWTSDF

Specific Conditions for used Batteries:

- The applicant shall ensure that used batteries are not disposed of in any manner
- other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
 - The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
 - Bulk consumers to their user units may auction used batteries to registered recyclers only.

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E- Waste	2.00	MT/A	Sale to Auth. E-waste Handler/ Recycler

10. **Treatment and Disposal of Biomedical Waste generated to CBWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	20.00	Yellow colored non- chlorinated plastic bags	CBWTSDF
2	Red	Contaminated waste (Recyclable)	5.00	Red colored non chlorinated plastic bags or containers	CBWTSDF
3	White (Translucent)	Waste sharps including Metals	5.00	Puncture proof, Leak proof, tamper proof container	CBWTSDF
4	Blue	a) Glassware	20.00	Puncture proof & leak proof boxes or containers with blue colored marking.	CBWTSDF

11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
13. Industry shall send effluent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, K-1 Part-1, K-1 Part-2, MIDC Taloja for treatment to achieve Consented standards. The treated effluent shall continue to be discharged to CETP for further treatment & disposal after confirming above standards till DFPCL completes laying of separate HDPE pipeline to carry treated effluent from STL to the low COD effluent disposal outlet sump at CETP. After the completion of pipeline work, STL is permitted to connect its treated effluent discharge to the new independent pipeline.
14. Industry will be held jointly and severally responsible for operation and maintenance of the ETP and, in case, if JVS results exceeds Consented standards, then both unit i.e. M/s Deepak Fertilizers & Petrochemicals Corporation Ltd. and M/s Smartchem Technologies Limited will be held equally & jointly responsible.
15. Industry shall comply with the conditions stipulated in interim directions on 17.09.2020.
16. Industry shall comply with the conditions stipulated in the Environment Clearance dtd. 24.02.2006.
17. This consent is issued overriding effect to earlier Consent to Operate accorded vide No. Format 1.0/CAC/ UAN No.: -Format1.0/CAC/UAN No.MPCB-CONSENT-0000146287/CO/2301000400 dated 03.01.2023.
18. This consent is issued as per the minutes of 20th Consent Appraisal Committee meeting held on 11.01.2024.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	6000.00	MPCB-DR-13931	07/09/2022	NEFT

Balance Consent fees is of Rs. 1,537/- as per existing C to O dated 20/8/2021 and will be considered at the time of next renewal.

Copy to:

1. Regional Officer, MPCB, Navi Mumbai and Sub-Regional Officer, MPCB, Taloja
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to forfeit the bank guarantee of Rs. 625000 & obtain top up total BG of Rs. 25 Lakh from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed to send 1515.86 CMD industrial effluent to ETP of M/s Smartchem Tech. Ltd., Plot Nos. K-1, K-1 Part-1, K-1 Part-2, MIDC Talaja having designed capacity of 4800 CMD comprising of Process Waste Collection Tank, Collection Tank (Phosphatic Effluent), Reaction Tank-I, Clariflocculator, Collection Tank (IPA Effluent), Aeration Tank (IPA Effluent), Clarifier (IPA Effluent), Reaction Tank-IIA, Reaction Tank-IIA, Ammonia Stripper-I Collection Tank, Reaction Tank-II, Denitrification Tank (Stage-I), Denitrification Tank (Stage-I), Clarifier, Denitrification Tank (Stage-II), Clarifier, Denitrification Tank (Stage-II), Clarifier, Dissolved Air Floatation (DAF), Final Polishing Tank.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.5 to 8.5
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C)	100
(4)	Total Suspended solids	100
(5)	COD	250
(6)	TDS	2100
(7)	Ammoniacal Nitrogen as N	50
(8)	Total Kjeldhal Nitrogen (TKN) as N	75
(9)	Free Ammoniacal Nitrogen as N	4
(10)	Fluoride as F	10
(11)	Dissolved Phosphate as P	5
(12)	Nitrate Nitrogen as N	20

- C] The treated effluent shall be discharged into CETP for further treatment & disposal through ETP of M/s Smartchem Tech. Ltd. after confirming above standards. The treated effluent shall continue to be discharged to CETP for further treatment & disposal after confirming above standards till DFPCCL completes laying of separate HDPE pipeline to carry treated effluent from STL to the low COD effluent disposal outlet sump at CETP. After the completion of pipeline work, STL is permitted to connect its treated effluent discharge to the new independent pipeline. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, you have proposed to send 51.5 CMD domestic effluent to ETP of M/s Smartchem Tech. Ltd. for treatment & disposal.
- B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	6724.00
2.	Domestic purpose	56.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1024.20
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Methanol Primary Reformer	Stack	30.00	Natural gas 1946 Kg/Hr	-	NO ₂	400 Mg/Nm ³
S-2	Weak Nitric Acid plant-3	Scrubber	60.00	-	-	NO ₂	400 Mg/Nm ³
S-3	Boiler-A & B	Stack	30.00	NATURAL GAS 2221 Kg/Hr	-	NO _x	350 Mg/Nm ³
						PM	10 Mg/Nm ³

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-4	Boiler-C	Stack	30.50	NATURAL GAS 444 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-5	BOILER-D	Stack	63.00	NATURAL GAS 1644 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-6	Heat Recovery steam generator 1- Attached to gas turbine 1	Stack	30.00	NATURAL GAS 1331 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-7	Heat Recovery steam generator 2- Attached to gas turbine 2	Stack	30.00	NATURAL GAS 1331 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-8	Heat Recovery steam generator 5- Attached to gas turbine 5	Stack	30.00	NATURAL GAS 1534 Kg/Hr	-	NOx	350 Mg/Nm ³
						PM	10 Mg/Nm ³
S-9	DG Set (200 KVA) - IPA Plant	Stack of height 3 mtrs above roof	3.00	DIESEL 33 Kg/Hr	1	SO2	16 Kg/Day
S-10	DG Set (1000 KVA) - Methanol Plant	Stack of height 6.5 mtrs above roof	6.50	DIESEL 166.66 Kg/Hr	1	SO2	80 Kg/Day
S-11	IPA Flare Stack (Burning shall be smokeless)	Stack	65.00	NATURAL GAS 1.84 Kg/Hr	-	-	-
S-12	DG Set (20 KVA)	Stack	2.50	Diesel 4.2 Ltr/Hr	1	TPM	150 Mg/Nm ³

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	2500000	Within 15 days	Towards O&M of pollution control systems and towards compliance of the Consent conditions	31.03.2026	31.07.2026

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C to R	25 Lakh	Existing	Towards O&M of pollution control systems and towards compliance of the Consent conditions	625000	Towards JVS exceedance

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board

3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
 1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.
Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
 2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
 3. **Balances** : WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
 4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDf.
 5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
 6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDf.
 7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
 8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDf.

9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
8. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
9. The applicant shall maintain good housekeeping.
10. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
11. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
12. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
17. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
18. The PP shall provide personal protection equipment as per norms of Factory Act
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
20. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
21. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
24. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
25. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

29. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
30. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
31. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
32. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
35. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
36. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
37. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
38. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

ANNEXURE: 6

Green Belt statement development

EC Condition 11. (d): The green belt (GB) shall be developed in 31% i.e., 94122 m² of the total project area along the plant periphery and as committed by the project proponent, green belt shall be developed in additionally 2.6 acres' area (i.e., 10,600 m²) adjacent to the plots allotted by the MIDC for green belt development."

Compliance details: Compiled. We have maintained 33% green belt in & around our plant premises.

To meet this requirement with due clearance form MOEFCC EAC we have taken 2.6-acre MIDC plot connected to our premises and used it totally for development of green belts (2% of remaining green belt). Attaching plot acquisition letter of MIDC.

Details Total Plot	Plot area (Sqm)	Total Green belt area (Sqm)	Total Geen Belt (%)	Species	Survival rate
K-1 TO k-5 (Plant site)	3,03,619.4	98,644.32	32.48	Gulmohar,Kadamba, Neem,Karanja,Subabul, Peltophorum,Banyan , Umber,Rain Tree, Bakul,Pimple,Jamun, Mango etc.	95%
OS 16/4 & OS 17/1 (Additional land)	10,600	10,600	3.49		95%
Total	3,14,219	1,09,244.32	35.97		--

PHOTOGRAPHS OF GREEN BELT:

1. Inside Premises:



2. Peripheral Side /Along the Boundary



3. MIDC Plot (OS 16 & 17):



EQUINOX TEST REPORT

Report Issue Date : 4-Nov-24

Reference Number : EQNO001LABN24-1009534

ULR - TC882024000079485F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 29-Oct-24 to 30-Oct-24

Sampling Location : WNA 3 Plant Area

Date of Receipt : 30-Oct-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	29-Oct-24	18:25	86.2	30-Aug-24	7:25	88.8	
2	29-Oct-24	19:25	85.4	30-Aug-24	8:25	89.7	
3	29-Oct-24	20:25	80.1	30-Aug-24	9:25	70.7	
4	29-Oct-24	21:25	79.3	30-Aug-24	10:25	66.4	
5	29-Oct-24	22:25	75.2	30-Aug-24	11:25	67.2	
6	29-Oct-24	23:25	71.4	30-Aug-24	12:25	66.7	
7	30-Oct-24	0:25	68.3	30-Aug-24	13:25	65.3	
8	30-Aug-24	1:25	66.7	30-Aug-24	14:25	68.1	
9	30-Aug-24	2:25	65.4	30-Aug-24	15:25	59.5	
10	30-Aug-24	3:25	69.3	30-Aug-24	16:25	69.8	
11	30-Aug-24	4:25	67.2	30-Aug-24	17:25	67.2	
12	30-Aug-24	5:25	65.4				
13	30-Aug-24	6:25	66.3				
		Day Time L_{max}	86.2			Night Time L_{max}	71.4
		Day Time L_{min}	65.3			Night Time L_{min}	55.4
Average Day Time Leq dB (A)			71.9	Average Night Time Leq dB (A)			67.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM)

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Mandhare



TC-8820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / public output.
4. The customer has been provided to the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC287024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX/0011/LABIN/24/10/09536

Report Issue Date : 4-Nov-24
ULR - TC682024000079488F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvat, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SDP-ENV-20-00 Date of Sampling : 29-Oct-24 to 30-Oct-24
Sampling Location : Near GT-2 Area Date of Receipt : 30-Oct-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	29-Oct-24	18:35	78.4	30-Aug-24	7:35	63.4	
2	29-Oct-24	19:35	79.2	30-Aug-24	8:35	65.3	
3	29-Oct-24	20:35	80.3	30-Aug-24	9:35	67.8	
4	29-Oct-24	21:35	79.1	30-Aug-24	10:35	66.3	
5	29-Oct-24	22:35	73.1	30-Aug-24	11:35	68.4	
6	29-Oct-24	23:35	70.5	30-Aug-24	12:35	69.2	
7	29-Oct-24	0:35	66.3	30-Aug-24	13:35	70.2	
8	30-Aug-24	1:35	62.1	30-Aug-24	14:35	70.1	
9	30-Aug-24	2:35	63.6	30-Aug-24	15:35	71.4	
10	30-Aug-24	3:35	65.4	30-Aug-24	16:35	69.8	
11	30-Aug-24	4:35	66.7	30-Aug-24	17:35	67.3	
12	30-Aug-24	5:35	65.2				
13	30-Aug-24	6:35	61.1				
		Day Time L_{max}	80.3			Night Time L_{max}	70.5
		Day Time L_{min}	61.1			Night Time L_{min}	62.1
Average Day Time Leq dB (A)			70.4	Average Night Time Leq dB (A)			65.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Asit Mandhare



TC-6820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / public purpose.
4. The samples have been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Nov-24

Reference Number : EQNX/001/LAB/N/24/10/09536

ULR : TC682024000079487F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvat, Dist. Raigad

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-09

Date of Sampling : 29-Oct-24 to 30-Oct-24

Sampling Location : Near IPA Gate

Date of Receipt : 30-Oct-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

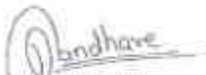
Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	29-Oct-24	18:30	65.9	30-Aug-24	7:30	62.4	
2	29-Oct-24	19:30	66.4	30-Aug-24	8:30	63.2	
3	29-Oct-24	20:30	63.2	30-Aug-24	9:30	65.3	
4	29-Oct-24	21:30	60.1	30-Aug-24	10:30	66.2	
5	29-Oct-24	22:30	57.8	30-Aug-24	11:30	68.4	
6	29-Oct-24	23:30	54.3	30-Aug-24	12:30	69.2	
7	29-Oct-24	0:30	53.2	30-Aug-24	13:30	70.1	
8	30-Aug-24	1:30	50.8	30-Aug-24	14:30	65.4	
9	30-Aug-24	2:30	51.6	30-Aug-24	15:30	63.1	
10	30-Aug-24	3:30	54.2	30-Aug-24	16:30	62.3	
11	30-Aug-24	4:30	59.4	30-Aug-24	17:30	62.8	
12	30-Aug-24	5:30	57.1				
13	30-Aug-24	6:30	59.3				
Day Time $L_{eq,Day}$			70.1	Night Time $L_{eq,Night}$			59.4
Day Time L_{95}			57.8	Night Time L_{95}			50.8
Average Day Time Leq dB (A)			64.2	Average Night Time Leq dB (A)			54.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (08:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline


Assistant Manager - Air
(Authorized Signatory)
Mr. Asit Mundhare



TC-6820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / public purpose.
4. This samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC287024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 5-Nov-24

Reference Number : EQMX-001-LAB-NL24/10/10005

ULR- TC682024000079924P

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taloja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : BQP-ENV-20-00

Date of Sampling : 28-Oct-24 to 29-Oct-24

Sampling Location : Near Utility Area

Date of Receipt : 29-Oct-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs.

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-Oct-24	18:06	60.2	29-Oct-24	7:06	65.8	
2	28-Oct-24	19:06	57.5	29-Oct-24	8:06	69.7	
3	28-Oct-24	20:06	57.9	29-Oct-24	9:06	70.7	
4	28-Oct-24	21:06	58.7	29-Oct-24	10:06	66.4	
5	28-Oct-24	22:06	59.8	29-Oct-24	11:06	67.2	
6	28-Oct-24	23:06	62.4	29-Oct-24	12:06	66.7	
7	29-Oct-24	0:06	60.2	29-Oct-24	13:06	65.3	
8	29-Oct-24	1:06	58.7	29-Oct-24	14:06	68.1	
9	29-Oct-24	2:06	57.3	29-Oct-24	15:06	69.5	
10	29-Oct-24	3:06	60.4	29-Oct-24	16:06	69.6	
11	29-Oct-24	4:06	57.2	29-Oct-24	17:06	67.2	
12	29-Oct-24	5:06	61.4				
13	29-Oct-24	6:06	60.3				
		Day Time L_{max}	70.7			Night Time L_{max}	62.4
		Day Time L_{min}	57.5			Night Time L_{min}	57.2
Average Day Time Leq dB (A)			60.9	Average Night Time Leq dB (A)			59.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Asit Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Nov-24

Reference Number : EQNX/001/LAB/N/24/10/10012

ULR : TC882024000079931F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1, Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-09

Date of Sampling : 27-Oct-24 to 28-Oct-24

Sampling Location : K-6 Plant

Date of Receipt : 28-Oct-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-Oct-24	12:10	59.4	28-Oct-24	1:10	53.0	
2	27-Oct-24	13:10	60.9	28-Oct-24	2:10	56	
3	27-Oct-24	14:10	61	28-Oct-24	3:10	56.5	
4	27-Oct-24	15:10	63	28-Oct-24	4:10	57.4	
5	27-Oct-24	16:10	60	28-Oct-24	5:10	59.6	
6	27-Oct-24	17:10	58	28-Oct-24	6:10	60.1	
7	27-Oct-24	18:10	59	28-Oct-24	7:10	61.3	
8	27-Oct-24	19:10	57	28-Oct-24	8:10	60.9	
9	27-Oct-24	20:10	60	28-Oct-24	9:10	54.5	
10	27-Oct-24	21:10	55.0	28-Oct-24	10:10	59.5	
11	27-Oct-24	22:10	54	28-Oct-24	11:10	61.4	
12	27-Oct-24	23:10	57.0				
13	27-Oct-24	0:10	54				
		Day Time L_{max}	64.6			Night Time L_{max}	59.6
		Day Time L_{eq}	54			Night Time L_{eq}	53.0
Average Day Time Leq dB (A)			53.7	Average Night Time Leq dB (A)			57.0

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM)

Remark - The Above Results Found Satisfactory as per CPCB Guideline.



Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Mandhare



TC-8820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & without the approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / public purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

END OF REPORT

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R85, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

equinox LABS

EQUINOX TEST REPORT

Report Issue Date : 5-Nov-24

Reference Number : EQNX/001/LAB/N/24/10/10025

ULR - TC682024000079944F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 28-Oct-24 to 29-Oct-24
Sampling Location : Near Acid Tank Date of Receipt : 29-Oct-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-Oct-24	18:15	70.2	29-Oct-24	7:15	57.9	
2	28-Oct-24	19:15	57.1	29-Oct-24	8:15	62.1	
3	28-Oct-24	20:15	54.9	29-Oct-24	9:15	71.1	
4	28-Oct-24	21:15	57.4	29-Oct-24	10:15	73.6	
5	28-Oct-24	22:15	55.4	29-Oct-24	11:15	73.4	
6	28-Oct-24	23:15	60.5	29-Oct-24	12:15	69.4	
7	29-Oct-24	0:15	58.5	29-Oct-24	13:15	68.2	
8	29-Oct-24	1:15	61.8	29-Oct-24	14:15	57.4	
9	29-Oct-24	2:15	65.4	29-Oct-24	15:15	56.3	
10	29-Oct-24	3:15	61.0	29-Oct-24	16:15	55.9	
11	29-Oct-24	4:15	61.3	29-Oct-24	17:15	56.5	
12	29-Oct-24	5:15	63.4				
13	29-Oct-24	6:15	64.9				
		Day Time L_{MAX}	73.6			Night Time L_{MAX}	66.4
		Day Time L_{MIN}	54.9			Night Time L_{MIN}	55.5
Average Day Time Leq dB (A)			62.7	Average Night Time Leq dB (A)			62.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

equinox LABS

EQUINOX TEST REPORT

Report Issue Date : 5-Nov-24

Reference Number : EQNX001LAB N-24/10/10026

ULR - TC682024000079945F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-8, MIDC Talaja, Tal.Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 28-Oct-24 to 29-Oct-24

Sampling Location : Near Methanol Gate Area

Date of Receipt : 29-Oct-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-Oct-24	18:12	68.3	29-Oct-24	7:12	59.1	
2	28-Oct-24	19:12	56.5	29-Oct-24	8:12	58.9	
3	28-Oct-24	20:12	56.1	29-Oct-24	9:12	57.9	
4	28-Oct-24	21:12	56.7	29-Oct-24	10:12	59.6	
5	28-Oct-24	22:12	56.4	29-Oct-24	11:12	57.4	
6	28-Oct-24	23:12	56.5	29-Oct-24	12:12	59.4	
7	28-Oct-24	0:12	54.3	29-Oct-24	13:12	56.9	
8	29-Oct-24	1:12	55.2	29-Oct-24	14:12	58.7	
9	29-Oct-24	2:12	56.4	29-Oct-24	15:12	60.8	
10	29-Oct-24	3:12	61.7	29-Oct-24	16:12	57.5	
11	29-Oct-24	4:12	56	29-Oct-24	17:12	66.7	
12	29-Oct-24	5:12	55.6				
13	29-Oct-24	6:12	64.1				
		Day Time L_{MAX}	68.3			Night Time L_{MAX}	61.7
		Day Time L_{MIN}	56.1			Night Time L_{MIN}	54.3
Average Day Time Leq dB (A)			59.5	Average Night Time Leq dB (A)			56.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.



Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



TC-8826



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

END OF REPORT

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No: U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Reference Number : EQNX-001/LAB/24/10/10028
Report Issue Date : 5-Nov-24
ILR : TC882024000079947F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-05
Date of Sampling : 28-Oct-24 to 29-Oct-24
Sampling Location : Near Store Area
Date of Receipt : 29-Oct-24
Sample Description : Ambient Noise Measurement
Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)
1	28-Oct-24	17:50	53	29-Oct-24	6:50	65.4
2	28-Oct-24	18:50	54	29-Oct-24	7:50	64.3
3	28-Oct-24	19:50	50.9	29-Oct-24	8:50	56.1
4	28-Oct-24	20:50	61	29-Oct-24	9:50	57.4
5	28-Oct-24	21:50	57.7	29-Oct-24	10:50	58.9
6	28-Oct-24	22:50	54.3	29-Oct-24	11:50	56.7
7	28-Oct-24	23:50	55.9	29-Oct-24	12:50	54.8
8	28-Oct-24	0:50	53.8	29-Oct-24	13:50	59.3
9	29-Oct-24	1:50	51.4	29-Oct-24	14:50	60.2
10	29-Oct-24	2:50	50.9	29-Oct-24	15:50	61.4
11	29-Oct-24	3:50	61	29-Oct-24	16:50	59.1
12	29-Oct-24	4:50	64.3			
13	29-Oct-24	5:50	61.3			

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Akul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

END OF REPORT
Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNXX-001-LAB-N-24-10-10000
Report Issue Date : 5-Nov-24
ULR - TC682024000079949F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
Date of Sampling : 28-Oct-24 to 29-Oct-24
Sampling Location : Near Time Office Area
Date of Receipt : 28-Oct-24
Sample Description : Ambient Noise Measurement
Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-Oct-24	17:55	53.8	29-Oct-24	8:55	51.4	
2	28-Oct-24	18:55	54.3	29-Oct-24	7:55	50.9	
3	28-Oct-24	19:55	57.8	29-Oct-24	8:55	56.5	
4	28-Oct-24	20:55	58.5	29-Oct-24	9:55	58.9	
5	28-Oct-24	21:55	51.4	29-Oct-24	10:55	56.1	
6	28-Oct-24	22:55	51.2	29-Oct-24	11:55	57.3	
7	28-Oct-24	23:55	58.5	29-Oct-24	12:55	59.4	
8	28-Oct-24	0:55	59.4	29-Oct-24	13:55	60.9	
9	29-Oct-24	1:55	54.3	29-Oct-24	14:55	57.4	
10	29-Oct-24	2:55	59.2	29-Oct-24	15:55	64.3	
11	29-Oct-24	3:55	49.5	29-Oct-24	16:55	55.9	
12	29-Oct-24	4:55	45.8				
13	29-Oct-24	5:55	48.5				
		Day Time $L_{90(A)}$	67.4			Night Time $L_{90(A)}$	59.4
		Day Time $L_{95(A)}$	50.9			Night Time $L_{95(A)}$	48.5
Average Day Time Leq dB (A)			57.8	Average Night Time Leq dB (A)			53.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****
Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX-001-LAB-N-24-11-07982

IAR - TC682024000087630F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 20-Nov-24 to 21-Nov-24

Sampling Location : Near Store Area

Date of Receipt : 21-Nov-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	20-Nov-24	2:15 PM	67.5	21-Nov-24	3:15 AM	55.9	
2	20-Nov-24	3:15 PM	65.9	21-Nov-24	4:15 AM	56.2	
3	20-Nov-24	4:15 PM	66.1	21-Nov-24	5:15 AM	57.8	
4	20-Nov-24	5:15 PM	63.6	21-Nov-24	6:15 AM	58.1	
5	20-Nov-24	6:15 PM	66.6	21-Nov-24	7:15 AM	60.3	
6	20-Nov-24	7:15 PM	67.8	21-Nov-24	8:15 AM	62.5	
7	20-Nov-24	8:15 PM	64.7	21-Nov-24	9:15 AM	65.9	
8	20-Nov-24	9:15 PM	61.2	21-Nov-24	10:15 AM	64.5	
9	20-Nov-24	10:15 PM	62.4	21-Nov-24	11:15 AM	65.4	
10	20-Nov-24	11:15 PM	60.6	21-Nov-24	12:15 PM	67.2	
11	21-Nov-24	12:15 AM	58.5	21-Nov-24	1:15 PM	66.9	
12	21-Nov-24	1:15 AM	56.8				
13	21-Nov-24	2:15 AM	57.1				
		Day Time L_{max}	68.6			Night Time L_{max}	62.4
		Day Time L_{min}	56.1			Night Time L_{min}	55.9
Average Day Time Leq dB (A)			64.7	Average Night Time Leq dB (A)			58.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Alul Mandhare



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNL001.LAB.N.24.11.07565

ULR : TC82024000067531F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal.Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 20-Nov-24 to 21-Nov-24
Sampling Location : Near Utility Area Date of Receipt : 21-Nov-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Literal Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	20-Nov-24	2:25 PM	75.5	21-Nov-24	3:25 AM	55.7	
2	20-Nov-24	3:25 PM	68.9	21-Nov-24	4:25 AM	54.8	
3	20-Nov-24	4:25 PM	69.2	21-Nov-24	5:25 AM	55.3	
4	20-Nov-24	5:25 PM	67.5	21-Nov-24	6:25 AM	57.5	
5	20-Nov-24	6:25 PM	68.5	21-Nov-24	7:25 AM	59.2	
6	20-Nov-24	7:25 PM	69.9	21-Nov-24	8:25 AM	62.4	
7	20-Nov-24	8:25 PM	66.5	21-Nov-24	9:25 AM	61.9	
8	20-Nov-24	9:25 PM	65.2	21-Nov-24	10:25 AM	64.2	
9	20-Nov-24	10:25 PM	63.9	21-Nov-24	11:25 AM	65.9	
10	20-Nov-24	11:25 PM	64.1	21-Nov-24	12:25 PM	67.2	
11	21-Nov-24	12:25 AM	60.1	21-Nov-24	1:25 PM	66.9	
12	21-Nov-24	1:25 AM	57.8				
13	21-Nov-24	2:25 AM	58.4				
		Day Time L_{max}	75.5			Night Time L_{max}	64.1
		Day Time L_{eq}	67.5			Night Time L_{eq}	54.8
Average Day Time Leq dB (A)			66.0	Average Night Time Leq dB (A)			58.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline



Assistant Manager - Air
(Authorised Signatory)
Mr. Anil Mandhare

Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****





Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX-001-LAB-N-24-11-08059

ULR - TC682024000007648F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taloja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 21-Nov-24 to 22-Nov-24

Sampling Location : Near Methanol Gate

Date of Receipt : 22-Nov-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	21-Nov-24	2:40 PM	61.7	22-Nov-24	3:40 AM	51.2	
2	21-Nov-24	3:40 PM	62.5	22-Nov-24	4:40 AM	52.3	
3	21-Nov-24	4:40 PM	60.9	22-Nov-24	5:40 AM	52.7	
4	21-Nov-24	5:40 PM	61.1	22-Nov-24	6:40 AM	53.2	
5	21-Nov-24	6:40 PM	63.2	22-Nov-24	7:40 AM	54.9	
6	21-Nov-24	7:40 PM	62.9	22-Nov-24	8:40 AM	56.3	
7	21-Nov-24	8:40 PM	59.7	22-Nov-24	9:40 AM	57.2	
8	21-Nov-24	9:40 PM	58.9	22-Nov-24	10:40 AM	60.2	
9	21-Nov-24	10:40 PM	56.3	22-Nov-24	11:40 AM	58.9	
10	21-Nov-24	11:40 PM	55.9	22-Nov-24	12:40 PM	61.4	
11	22-Nov-24	12:40 AM	53.2	22-Nov-24	1:40 PM	60.5	
12	22-Nov-24	1:40 AM	54.5				
13	22-Nov-24	2:40 AM	52.9				
		Day Time L_{max}	63.2			Night Time L_{max}	56.3
		Day Time L_{eq}	59.5			Night Time L_{eq}	51.2
Average Day Time Leq dB (A)			59.5	Average Night Time Leq dB (A)			51.2

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Long

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

+91 22 50647422

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

info@equinoxlab.com

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX001/LABN/24/11/08080

ULR - TC082024000087649F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvat, Dist. Raigad.

Contact Person : Madan Pipeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 21-Nov-24 to 22-Nov-24

Sampling Location : Near IPA Gate

Date of Receipt : 22-Nov-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	21-Nov-24	2:27 PM	53.4	22-Nov-24	3:27 AM	50.7	
2	21-Nov-24	3:27 PM	56.2	22-Nov-24	4:27 AM	52	
3	21-Nov-24	4:27 PM	55.9	22-Nov-24	5:27 AM	52.8	
4	21-Nov-24	5:27 PM	53.5	22-Nov-24	6:27 AM	51.5	
5	21-Nov-24	6:27 PM	59.2	22-Nov-24	7:27 AM	50.9	
6	21-Nov-24	7:27 PM	53.9	22-Nov-24	8:27 AM	52.8	
7	21-Nov-24	8:27 PM	55.4	22-Nov-24	9:27 AM	53.1	
8	21-Nov-24	9:27 PM	54.9	22-Nov-24	10:27 AM	54.7	
9	21-Nov-24	10:27 PM	54.5	22-Nov-24	11:27 AM	53.9	
10	21-Nov-24	11:27 PM	52.8	22-Nov-24	12:27 PM	55.2	
11	22-Nov-24	12:27 AM	51.9	22-Nov-24	1:27 PM	54.8	
12	22-Nov-24	1:27 AM	52.2				
13	22-Nov-24	2:27 AM	51.1				
		Day Time L_{max}	59.2			Night Time L_{max}	54.5
		Day Time L_{min}	50.9			Night Time L_{min}	50.7
Average Day Time Leq dB (A)			54.3	Average Night Time Leq dB (A)			52.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX-001-LAB-N-24-11-08218

ULR : TC682024000087626F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 23-Nov-24 to 24-Nov-24

Sampling Location : Near WNA 3 Plant

Date of Receipt : 24-Nov-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Nov-24	1:25 PM	63.3	24-Nov-24	2:25 AM	66.6	
2	23-Nov-24	2:25 PM	62.1	24-Nov-24	3:25 AM	68.3	
3	23-Nov-24	3:25 PM	68.2	24-Nov-24	4:25 AM	62.2	
4	23-Nov-24	4:25 PM	70.4	24-Nov-24	5:25 AM	60.6	
5	23-Nov-24	5:25 PM	72.3	24-Nov-24	6:25 AM	58.9	
6	23-Nov-24	6:25 PM	71.6	24-Nov-24	7:25 AM	57.2	
7	23-Nov-24	7:25 PM	70.5	24-Nov-24	8:25 AM	55.4	
8	23-Nov-24	8:25 PM	67.2	24-Nov-24	9:25 AM	57.2	
9	23-Nov-24	9:25 PM	66.1	24-Nov-24	10:25 AM	59.4	
10	23-Nov-24	10:25 PM	66.4	24-Nov-24	11:25 AM	61.3	
11	23-Nov-24	11:25 PM	63.2	24-Nov-24	12:25 PM	63.6	
12	24-Nov-24	12:25 AM	67.3				
13	24-Nov-24	1:25 AM	65				
		Day Time $L_{eq,24}$	72.3			Night Time $L_{eq,24}$	68.4
		Day Time $L_{eq,8h}$	55.4			Night Time $L_{eq,8h}$	60.6
Average Day Time Leq dB (A)			64.3	Average Night Time Leq dB (A)			64.2

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



TC-6820





Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX-001-LAB-N/24/11/06219

ULR - TC682024000087627F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 23-Nov-24 to 24-Nov-24

Sampling Location : Near Acid Tank

Date of Receipt : 24-Nov-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Nov-24	2:00 AM	59.2	24-Nov-24	3:00 PM	65.1	
2	23-Nov-24	3:00 AM	60	24-Nov-24	4:00 PM	67.3	
3	23-Nov-24	4:00 AM	63.7	24-Nov-24	5:00 PM	64.1	
4	23-Nov-24	5:00 AM	66.3	24-Nov-24	6:00 PM	63.4	
5	23-Nov-24	6:00 AM	67.5	24-Nov-24	7:00 PM	62	
6	23-Nov-24	7:00 AM	70.4	24-Nov-24	8:00 PM	67.7	
7	23-Nov-24	8:00 AM	72.2	24-Nov-24	9:00 PM	66.3	
8	23-Nov-24	9:00 AM	74.3	24-Nov-24	10:00 PM	66.4	
9	23-Nov-24	10:00 AM	74.6	24-Nov-24	11:00 PM	66.7	
10	23-Nov-24	11:00 AM	72.2	24-Nov-24	12:00 AM	69.9	
11	24-Nov-24	12:00 PM	75.1	24-Nov-24	1:00 AM	70.1	
12	24-Nov-24	1:00 PM	75.6				
13	24-Nov-24	2:00 PM	68.2				
		Day Time L_{MAX}	74.6			Night Time L_{MAX}	75.6
		Day Time L_{MIN}	59.2			Night Time L_{MIN}	63.4
Average Day Time Leq dB (A)			67.0	Average Night Time Leq dB (A)			69.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Ajit Mandhane

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



TC-6820





Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EDHX-001-LAB-N/24-11-08221

ULR - TC882024000067528F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SCP-ENV-20-00 Date of Sampling : 23-Nov-24 to 24-Nov-24
Sampling Location : Near G-T 2 Date of Receipt : 24-Nov-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Nov-24	1:15 PM	76.5	24-Nov-24	2:15 AM	58.7	
2	23-Nov-24	2:15 PM	73.1	24-Nov-24	3:15 AM	55.2	
3	23-Nov-24	3:15 PM	75.4	24-Nov-24	4:15 AM	58.8	
4	23-Nov-24	4:15 PM	76.2	24-Nov-24	5:15 AM	59.3	
5	23-Nov-24	5:15 PM	73.3	24-Nov-24	6:15 AM	62.4	
6	23-Nov-24	6:15 PM	70.1	24-Nov-24	7:15 AM	64.3	
7	23-Nov-24	7:15 PM	69.9	24-Nov-24	8:15 AM	65.2	
8	23-Nov-24	8:15 PM	68.8	24-Nov-24	9:15 AM	67.1	
9	23-Nov-24	9:15 PM	65.4	24-Nov-24	10:15 AM	65.8	
10	23-Nov-24	10:15 PM	63.2	24-Nov-24	11:15 AM	61.4	
11	23-Nov-24	11:15 PM	62.1	24-Nov-24	12:15 PM	63.5	
12	24-Nov-24	12:15 AM	60.4				
13	24-Nov-24	1:15 AM	59.9				
		Day Time L_{max}	76.5		Night Time L_{max}	63.2	
		Day Time L_{min}	61.4		Night Time L_{min}	55.2	
Average Day Time Leq dB (A)			68.5	Average Night Time Leq dB (A)			59.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Nov-24

Reference Number : EQNX.001.LAB.N/24/11/08222

ULR - TC682024000067629F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvel, Dist. Raigad.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Nov-24 to 24-Nov-24
Sampling Location : Near Time Office Area Date of Receipt : 24-Nov-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	23-Nov-24	1:30 PM	65.5	24-Nov-24	2:30 AM	55.3	
2	23-Nov-24	2:30 PM	69.4	24-Nov-24	3:30 AM	54.2	
3	23-Nov-24	3:30 PM	68.3	24-Nov-24	4:30 AM	53.2	
4	23-Nov-24	4:30 PM	64.2	24-Nov-24	5:30 AM	60.1	
5	23-Nov-24	5:30 PM	66.3	24-Nov-24	6:30 AM	59.8	
6	23-Nov-24	6:30 PM	65.2	24-Nov-24	7:30 AM	57.7	
7	23-Nov-24	7:30 PM	64.1	24-Nov-24	8:30 AM	56.4	
8	23-Nov-24	8:30 PM	61.6	24-Nov-24	9:30 AM	62.1	
9	23-Nov-24	9:30 PM	59.4	24-Nov-24	10:30 AM	54.0	
10	23-Nov-24	10:30 PM	57.3	24-Nov-24	11:30 AM	56.2	
11	23-Nov-24	11:30 PM	53.1	24-Nov-24	12:30 PM	58.7	
12	24-Nov-24	12:30 AM	51.7				
13	24-Nov-24	1:30 AM	54.8				
		Day Time L_{max}	69.4			Night Time L_{max}	60.1
		Day Time L_{min}	52.1			Night Time L_{min}	51.7
Average Day Time Leq dB (A)			61.2	Average Night Time Leq dB (A)			54.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 4-Dec-24

Reference Number : EQNX 001 LABIN 24 12 00030

ILR - TC68202400089654F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Plot Nos. K-1 Part-1, K-2, K-3, K-4, K-5 & K-6, MDC Talaja, Tal.Panvel, Dist. Raigad

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-EHV-20-00

Date of Sampling : 30-Nov-24 to 01-Dec-24

Sampling Location : K-6, Plant

Date of Receipt : 1-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	30-Nov-24	3:03 PM	67.7	1-Dec-24	4:03 AM	52.4	
2	30-Nov-24	4:03 PM	69.2	1-Dec-24	5:03 AM	50.2	
3	30-Nov-24	5:03 PM	70.4	1-Dec-24	6:03 AM	51.4	
4	30-Nov-24	6:03 PM	68.6	1-Dec-24	7:03 AM	54.3	
5	30-Nov-24	7:03 PM	65.3	1-Dec-24	8:03 AM	56.2	
6	30-Nov-24	8:03 PM	64.1	1-Dec-24	9:03 AM	55.1	
7	30-Nov-24	9:03 PM	60.2	1-Dec-24	10:03 AM	58.8	
8	30-Nov-24	10:03 PM	59.4	1-Dec-24	11:03 AM	59.2	
9	30-Nov-24	11:03 PM	59.9	1-Dec-24	12:03 PM	64.5	
10	1-Dec-24	12:03 AM	61.6	1-Dec-24	1:03 PM	63.2	
11	1-Dec-24	1:03 AM	62.5	1-Dec-24	2:03 PM	65.3	
12	1-Dec-24	2:03 AM	57.1				
13	1-Dec-24	3:03 AM	55.8				
		Day Time L_{max}	70.4			Night Time L_{max}	62.5
		Day Time L_{min}	51.4			Night Time L_{min}	50.2
Average Day Time Leq dB (A)			62.1	Average Night Time Leq dB (A)			57.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Abul Manshura



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

Corporate Office: Equinox Center, R65, TTC, Rabale, Navi Mumbai - 400701

Laboratories At: Mumbai, Bengaluru, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 23-Jan-25

Reference Number : EQNX.001.LAB.N25.01.05646

URL : TC662025050004730F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited

Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal. Panvel, Dist. Raigad, Talga, Maharashtra, India-410205

Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-03

Date of Sampling : 16-Jan-25

Sampling Location : Near Admin Building

Date of Receipt : 16-Jan-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	16-Jan-25	1:30 PM	52.1	17-Jan-25	2:30 AM	46.2	
2	16-Jan-25	2:30 PM	54.3	17-Jan-25	3:30 AM	46.7	
3	16-Jan-25	3:30 PM	55.1	17-Jan-25	4:30 AM	46.4	
4	16-Jan-25	4:30 PM	53.7	17-Jan-25	5:30 AM	49.1	
5	16-Jan-25	5:30 PM	52.6	17-Jan-25	6:30 AM	50.2	
6	16-Jan-25	6:30 PM	50.2	17-Jan-25	7:30 AM	51.7	
7	16-Jan-25	7:30 PM	51.4	17-Jan-25	8:30 AM	52.3	
8	16-Jan-25	8:30 PM	50.7	17-Jan-25	9:30 AM	53.2	
9	16-Jan-25	9:30 PM	49.3	17-Jan-25	10:30 AM	54.2	
10	16-Jan-25	10:30 PM	48.2	17-Jan-25	11:30 AM	52.1	
11	16-Jan-25	11:30 PM	47.1	17-Jan-25	12:30 PM	53.7	
12	17-Jan-25	12:30 AM	46.4				
13	17-Jan-25	1:30 AM	46.8				
		Day Time L_{max}	55.1			Night Time L_{max}	49.1
		Day Time L_{min}	49.3			Night Time L_{min}	46.2
Average Day Time Leq dB (A)			52.3	Average Night Time Leq dB (A)			47.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhane



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Jan-25

Reference Number : EQNX-001/LAB- N/25/01/00940

ULR - TC682025000004731F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Parvel, Dist. Raigarh, Talaja, Maharashtra, India-410208
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 16-Jan-25
Sampling Location : Near Store Area Date of Receipt : 16-Jan-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	16-Jan-25	1:25 PM	55.1	17-Jan-25	3:25 AM	50.4	
2	16-Jan-25	2:25 PM	60.2	17-Jan-25	3:25 AM	52.4	
3	16-Jan-25	3:25 PM	58.6	17-Jan-25	4:25 AM	51.5	
4	16-Jan-25	4:25 PM	61.4	17-Jan-25	5:25 AM	52.8	
5	16-Jan-25	5:25 PM	60.9	17-Jan-25	6:25 AM	54.3	
6	16-Jan-25	6:25 PM	58.3	17-Jan-25	7:25 AM	55.4	
7	16-Jan-25	7:25 PM	57.6	17-Jan-25	8:25 AM	57.1	
8	16-Jan-25	8:25 PM	58.9	17-Jan-25	9:25 AM	56.4	
9	16-Jan-25	9:25 PM	55.8	17-Jan-25	10:25 AM	58.2	
10	16-Jan-25	10:25 PM	54.2	17-Jan-25	11:25 AM	57.3	
11	16-Jan-25	11:25 PM	52.6	17-Jan-25	12:25 PM	58.8	
12	17-Jan-25	12:25 AM	53.1				
13	17-Jan-25	1:25 AM	51.3				
		Day Time L_{max}	61.4			Night Time L_{max}	54.2
		Day Time L_{eqn}	54.9			Night Time L_{eqn}	50.4
Average Day Time Leq dB (A)			57.7	Average Night Time Leq dB (A)			52.2

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Abul Mandhara



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Jan-25

Reference Number : EQNX001LAB: N25-0107438

ULR : TC682025000006205F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 13-Jan-25
Sampling Location : Near Acid Tank Date of Receipt : 13-Jan-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	13-Jan-25	12:00 PM	52.6	14-Jan-25	1:00 AM	50.7	
2	13-Jan-25	1:00 PM	55.1	14-Jan-25	2:00 AM	50.9	
3	13-Jan-25	2:00 PM	55.3	14-Jan-25	3:00 AM	52.3	
4	13-Jan-25	3:00 PM	57.5	14-Jan-25	4:00 AM	54.1	
5	13-Jan-25	4:00 PM	54.8	14-Jan-25	5:00 AM	57.7	
6	13-Jan-25	5:00 PM	57.9	14-Jan-25	6:00 AM	58.2	
7	13-Jan-25	6:00 PM	56.7	14-Jan-25	7:00 AM	56.4	
8	13-Jan-25	7:00 PM	55.3	14-Jan-25	8:00 AM	54.1	
9	13-Jan-25	8:00 PM	56.4	14-Jan-25	9:00 AM	54.7	
10	13-Jan-25	9:00 PM	53.9	14-Jan-25	10:00 AM	52.8	
11	13-Jan-25	10:00 PM	51.8	14-Jan-25	11:00 AM	53.5	
12	13-Jan-25	11:00 PM	52.2				
13	14-Jan-25	12:00 AM	51.2				
		Day Time L_{max}	58.3			Night Time L_{max}	58.2
		Day Time L_{AEC}	52.6			Night Time L_{AEC}	50.7
Average Day Time Leq dB (A)			55.6	Average Night Time Leq dB (A)			53.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Ac
(Authorized Signatory)
Mr. Anil Mandhare



TC-4220



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Jan-25

Reference Number : EQNX001/LAB: N25.01.07437

ULR : TC882025000008206F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited

Address : Deepak Fertilisers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India-410209

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-05

Date of Sampling : 13-Jan-25

Sampling Location : Near WNA 3

Date of Receipt : 13-Jan-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	13-Jan-25	11:30 AM	76.5	14-Jan-25	12:30 AM	60.1	
2	13-Jan-25	12:30 PM	73.8	14-Jan-25	1:30 PM	57.2	
3	13-Jan-25	1:30 PM	74.2	14-Jan-25	2:30 PM	54.5	
4	13-Jan-25	2:30 PM	75.6	14-Jan-25	3:30 PM	59.1	
5	13-Jan-25	3:30 PM	70.2	14-Jan-25	4:30 PM	52.9	
6	13-Jan-25	4:30 PM	73.9	14-Jan-25	5:30 PM	55.8	
7	13-Jan-25	5:30 PM	72.5	14-Jan-25	6:30 PM	56.2	
8	13-Jan-25	6:30 PM	71.8	14-Jan-25	7:30 PM	57.5	
9	13-Jan-25	7:30 PM	70.1	14-Jan-25	8:30 PM	58.5	
10	13-Jan-25	8:30 PM	68.7	14-Jan-25	9:30 PM	61.1	
11	13-Jan-25	9:30 PM	66.5	14-Jan-25	10:30 PM	63.8	
12	13-Jan-25	10:30 PM	61.8				
13	13-Jan-25	11:30 PM	65.9				
		Day Time L_{max}	76.5			Night Time L_{max}	61.8
		Day Time L_{eq}	66.2			Night Time L_{eq}	52.9
Average Day Time Leq dB (A)			66.2	Average Night Time Leq dB (A)			57.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Ajit Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQHX-001-LAB-N25-01-04700 Report Issue Date : 18-Jan-25
ULR - TC662025000003982P

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City/Taluka, State/Maharashtra, India : 410208.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 14-Jan-25 To 15-Jan-25
Sampling Location : Near IPA Gate Date of Receipt : 15-Jan-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	14-Jan-25	2:15 PM	74.1	15-Jan-25	3:15 AM	65.7	
2	14-Jan-25	3:15 PM	73.1	15-Jan-25	4:15 AM	63.6	
3	14-Jan-25	4:15 PM	76.7	15-Jan-25	5:15 AM	67.5	
4	14-Jan-25	5:15 PM	79.7	15-Jan-25	6:15 AM	67.3	
5	14-Jan-25	6:15 PM	69.5	15-Jan-25	7:15 AM	70.1	
6	14-Jan-25	7:15 PM	67.3	15-Jan-25	8:15 AM	70.9	
7	14-Jan-25	8:15 PM	68.9	15-Jan-25	9:15 AM	71.5	
8	14-Jan-25	9:15 PM	71.4	15-Jan-25	10:15 AM	73.9	
9	14-Jan-25	10:15 PM	73.4	15-Jan-25	11:15 AM	74.8	
10	14-Jan-25	11:15 PM	71	15-Jan-25	12:15 PM	70.1	
11	15-Jan-25	12:15 AM	61	15-Jan-25	1:15 PM	72.4	
12	15-Jan-25	1:15 AM	65.3				
13	15-Jan-25	2:15 AM	60.8				
		Day Time L_{max}	79.7		Night Time L_{max}	73.4	
		Day Time L_{min}	67.3		Night Time L_{min}	59.7	
Average Day Time Leq dB (A)			72.5	Average Night Time Leq dB (A)			65.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



TC-6625



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 18-Jan-25

Reference Number : EQNX-001.LAB: N25.01:04701

ULR - TC682025000003BEEF

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City/Talaja, State/Maharashtra, India: 410208

Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 14-Jan-25 To 15-Jan-25

Sampling Location : Near Methanol Gate

Date of Receipt : 15-Jan-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

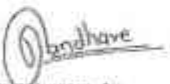
Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	14-Jan-25	2:30 PM	65.9	15-Jan-25	3:30 AM	59.2	
2	14-Jan-25	3:30 PM	60.4	15-Jan-25	4:30 AM	50.7	
3	14-Jan-25	4:30 PM	63.4	15-Jan-25	5:30 AM	51.3	
4	14-Jan-25	5:30 PM	65.7	15-Jan-25	6:30 AM	53.5	
5	14-Jan-25	6:30 PM	67.3	15-Jan-25	7:30 AM	54.6	
6	14-Jan-25	7:30 PM	61	15-Jan-25	8:30 AM	58.6	
7	14-Jan-25	8:30 PM	76.1	15-Jan-25	9:30 AM	60.3	
8	14-Jan-25	9:30 PM	65.7	15-Jan-25	10:30 AM	61.7	
9	14-Jan-25	10:30 PM	67.4	15-Jan-25	11:30 AM	63.5	
10	14-Jan-25	11:30 PM	68.9	15-Jan-25	12:30 PM	67.3	
11	15-Jan-25	12:30 AM	70.9	15-Jan-25	1:30 PM	65.4	
12	15-Jan-25	1:30 AM	51.5				
13	15-Jan-25	2:30 AM	53				
		Day Time L_{max}	70.1			Night Time L_{max}	70.5
		Day Time L_{min}	54.6			Night Time L_{min}	50.7
Average Day Time Leq dB (A)			63.5	Average Night Time Leq dB (A)			57.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Associate Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



TC-6820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 23-Jan-25

Reference Number : EQIX/001/LAB: N/25/01/05945

ULR : TC682025000004727F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilizers and Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Tal. Parnai, Dist. Raigad, Talaja, Maharashtra, India-410208

Contact Person : Madan Pupeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 17-Jan-25

Sampling Location : Near Utility Area

Date of Receipt : 17-Jan-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Vertical Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Jan-25	11:00 AM	52.5	18-Jan-25	12:00 AM	46.1	
2	17-Jan-25	12:00 PM	51.9	18-Jan-25	1:00 AM	47.5	
3	17-Jan-25	1:00 PM	52.4	18-Jan-25	2:00 AM	46.3	
4	17-Jan-25	2:00 PM	52.8	18-Jan-25	3:00 AM	46.5	
5	17-Jan-25	3:00 PM	52.4	18-Jan-25	4:00 AM	46.1	
6	17-Jan-25	4:00 PM	52.1	18-Jan-25	5:00 AM	46.9	
7	17-Jan-25	5:00 PM	50.2	18-Jan-25	6:00 AM	51.4	
8	17-Jan-25	6:00 PM	50.1	18-Jan-25	7:00 AM	53.7	
9	17-Jan-25	7:00 PM	48.4	18-Jan-25	8:00 AM	52.9	
10	17-Jan-25	8:00 PM	48.3	18-Jan-25	9:00 AM	52.3	
11	17-Jan-25	9:00 PM	47.2	18-Jan-25	10:00 AM	52.6	
12	17-Jan-25	10:00 PM	47.7				
13	17-Jan-25	11:00 PM	47.9				
		Day Time L_{Aeq}	53.7			Night Time L_{Aeq}	48.9
		Day Time L_{Aeq}	47.2			Night Time L_{Aeq}	46.5
Average Day Time Leq dB (A)			51.3	Average Night Time Leq dB (A)			47.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Ash Mandhane



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 23-Jan-25

Reference Number : EQNX-001-LAB- N25-01-05946

ULR - TC68202500004729F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilizers and Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal, Panvel, Dist Raigad, Talaja, Maharashtra, India-410208
Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 17-Jan-25
Sampling Location : GT 2 Area Date of Receipt : 17-Jan-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Jan-25	11:20 AM	54.5	18-Jan-25	12:20 AM	50.8	
2	17-Jan-25	12:20 PM	56.7	18-Jan-25	1:20 AM	54.1	
3	17-Jan-25	1:20 PM	57.8	18-Jan-25	2:20 AM	53.7	
4	17-Jan-25	2:20 PM	61.2	18-Jan-25	3:20 AM	55.8	
5	17-Jan-25	3:20 PM	60.5	18-Jan-25	4:20 AM	54.4	
6	17-Jan-25	4:20 PM	58.8	18-Jan-25	5:20 AM	55.3	
7	17-Jan-25	5:20 PM	57.9	18-Jan-25	6:20 AM	54.8	
8	17-Jan-25	6:20 PM	55.7	18-Jan-25	7:20 AM	58.1	
9	17-Jan-25	7:20 PM	53.1	18-Jan-25	8:20 AM	57.9	
10	17-Jan-25	8:20 PM	54.5	18-Jan-25	9:20 AM	55.9	
11	17-Jan-25	9:20 PM	53.3	18-Jan-25	10:20 AM	56.2	
12	17-Jan-25	10:20 PM	51.4				
13	17-Jan-25	11:20 PM	52.1				
		Day Time L_{max}	61.2			Night Time L_{max}	55.6
		Day Time L_{min}	53.1			Night Time L_{min}	50.8
Average Day Time Leq dB (A)			58.8	Average Night Time Leq dB (A)			53.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Feb-25

Reference Number : EQNX-001-LAB-N/25-02-00556

ULR - TC862025000008757F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part-1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India : 410208

Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-25-05

Date of Sampling : 31-Jan-25 to 01-Feb-25

Sampling Location : Near Main Gate (K-6 Plant)

Date of Receipt : 1-Feb-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-Jan-25	12:54 PM	67.2	1-Feb-25	1:54 AM	60.4	
2	31-Jan-25	13:54 PM	69.7	1-Feb-25	2:54 AM	61.2	
3	31-Jan-25	14:54 PM	70.4	1-Feb-25	3:54 AM	60.7	
4	31-Jan-25	15:54 PM	68.8	1-Feb-25	4:54 AM	60.8	
5	31-Jan-25	16:54 PM	69.2	1-Feb-25	5:54 AM	60.5	
6	31-Jan-25	17:54 PM	68.4	1-Feb-25	6:54 AM	61.3	
7	31-Jan-25	18:54 PM	67.3	1-Feb-25	7:54 AM	64.9	
8	31-Jan-25	19:54 PM	68.1	1-Feb-25	8:54 AM	69.9	
9	31-Jan-25	20:54 PM	68.3	1-Feb-25	9:54 AM	68.4	
10	31-Jan-25	21:54 PM	67.9	1-Feb-25	10:54 AM	69.2	
11	31-Jan-25	22:54 PM	68.2	1-Feb-25	11:54 PM	68.3	
12	31-Jan-25	23:54 PM	65.2	1-Feb-25	12:54 PM	68.8	
13	1-Feb-25	12:54 AM	61.9	1-Feb-25			
		Day Time L_{max}	70.4			Night Time L_{max}	68.2
		Day Time L_{min}	61.2			Night Time L_{min}	60.4
Average Day Time Leq dB (A)			67.9	Average Night Time Leq dB (A)			62.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Abul Manshure



TC-0020



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 20-Feb-25

Reference Number : EQNX-001-LAB- N-25-02-05155

(LR - TC86202500012366F)

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part-1, K-2, K-3, K-4, K-5 & K-6, MIDC Tarapur, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India - 410305

Contact Person : Madan Poparkar

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-EHV-25-00

Date of Sampling : 14-Feb-25 to 15-Feb-25

Sampling Location : Near Methanol Gate

Date of Receipt : 15-Feb-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	14-Feb-25	11:00 AM	54.3	15-Feb-25	12:00 AM	55.1	
2	14-Feb-25	12:00 PM	53.8	15-Feb-25	1:00 AM	51.6	
3	14-Feb-25	1:00 PM	55.1	15-Feb-25	2:00 AM	53.1	
4	14-Feb-25	2:00 PM	51.9	15-Feb-25	3:00 AM	54.2	
5	14-Feb-25	3:00 PM	52.5	15-Feb-25	4:00 AM	52.8	
6	14-Feb-25	4:00 PM	54.3	15-Feb-25	5:00 AM	53.7	
7	14-Feb-25	5:00 PM	55.5	15-Feb-25	6:00 AM	55.3	
8	14-Feb-25	6:00 PM	55.1	15-Feb-25	7:00 AM	55.5	
9	14-Feb-25	7:00 PM	51.8	15-Feb-25	8:00 AM	53.8	
10	14-Feb-25	8:00 PM	52.5	15-Feb-25	9:00 AM	55.9	
11	14-Feb-25	9:00 PM	55.3	15-Feb-25	10:00 AM	55.3	
12	14-Feb-25	10:00 PM	53.1	15-Feb-25	11:00 AM	61.5	
13	14-Feb-25	11:00 PM	55.3				
		Day Time L_{max}	61.8		Night Time L_{max}	56.3	
		Day Time L_{min}	51.5		Night Time L_{min}	51.6	
Average Day Time Leq dB (A)			55.6	Average Night Time Leq dB (A)			54.0

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results are satisfactory as per CPCB Guideline.

Authorized Manager -
(Authorized Signature)
Mr. Abul Mansoor



Note:

- This report is valid for the tested sample only.
- This report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab
- The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/0211AB/ N/25/02/09105
Report Issue Date : 25-Feb-25
ULR : TC082025002012415F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot No. K-1, Part -1, K-2, K-3, K-4, K-5 & K-6, MIDC Talga, Tal. Farwel, Dist. Raigad, Talga, Maharashtra, India, 410206.
Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
Date of Sampling : 14-Feb-25 to 15-Feb-25
Sampling Location : Near WH 3 Plant
Date of Receipt : 15-Feb-25
Sample Description : Ambient Noise Measurement
Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	14-Feb-25	11:30 AM	56.5	15-Feb-25	12:30 AM	51.1	
2	14-Feb-25	12:30 PM	55.3	15-Feb-25	1:30 AM	55.4	
3	14-Feb-25	1:30 PM	55.3	15-Feb-25	2:30 AM	53.2	
4	14-Feb-25	2:30 PM	58.2	15-Feb-25	3:30 AM	58.3	
5	14-Feb-25	3:30 PM	62.8	15-Feb-25	4:30 AM	50.5	
6	14-Feb-25	4:30 PM	61.3	15-Feb-25	5:30 AM	53.4	
7	14-Feb-25	5:30 PM	63.6	15-Feb-25	6:30 AM	52.9	
8	14-Feb-25	6:30 PM	56.3	15-Feb-25	7:30 AM	56.6	
9	14-Feb-25	7:30 PM	61.6	15-Feb-25	8:30 AM	60.9	
10	14-Feb-25	8:30 PM	58.3	15-Feb-25	9:30 AM	61.1	
11	14-Feb-25	9:30 PM	58.1	15-Feb-25	10:30 AM	62.3	
12	14-Feb-25	10:30 PM	53.2	15-Feb-25	11:30 AM	65.4	
13	14-Feb-25	11:30 PM	55.4				
		Day Time L_{max}	65.4		Night Time L_{max}	58.3	
		Day Time L_{min}	52.9		Night Time L_{min}	50.5	
Average Day Time Leq dB (A)			58.3	Average Night Time Leq dB (A)			53.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Signature
Authorized Manager - As
Authorized Signatory
Mr. Anil Marthani



Note :

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

****END OF REPORT****

Long

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No: U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 20-Feb-25

Reference Number : EQNX-001-LAB-N/25-02-05107

SLR : TC862025000012420F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part -1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvat, Dist. Raigad, Talaja, Maharashtra, India : 410208.

Contact Person : Madan Popete

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 13-Feb-25 to 14-Feb-25

Sampling Location : Near IPA Gate Area

Date of Receipt : 14-Feb-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	13-Feb-25	12:30 PM	57.0	14-Feb-25	1:30 AM	55.8	
2	13-Feb-25	1:30 PM	58.3	15-Feb-25	2:30 AM	53.2	
3	13-Feb-25	2:30 PM	59.5	15-Feb-25	3:30 AM	59.3	
4	13-Feb-25	3:30 PM	63.6	15-Feb-25	4:30 AM	53.9	
5	13-Feb-25	4:30 PM	65.8	15-Feb-25	5:30 AM	61.0	
6	13-Feb-25	5:30 PM	63.1	15-Feb-25	6:30 AM	59.4	
7	13-Feb-25	6:30 PM	62.3	15-Feb-25	7:30 AM	60.3	
8	13-Feb-25	7:30 PM	60.5	15-Feb-25	8:30 AM	67.8	
9	13-Feb-25	8:30 PM	58.3	15-Feb-25	9:30 AM	61.9	
10	13-Feb-25	9:30 PM	59.4	15-Feb-25	10:30 AM	60.4	
11	13-Feb-25	10:30 PM	53.2	15-Feb-25	11:30 AM	58.3	
12	13-Feb-25	11:30 PM	61.9	15-Feb-25	12:30 PM	66.5	
13	14-Feb-25	12:30 AM	62.6				
		Day Time L_{max}	67.8		Night Time L_{max}	64.3	
		Day Time L_{min}	56.4		Night Time L_{min}	51.5	
Average Day Time Leq dB (A)			60.6	Average Night Time Leq dB (A)			53.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.

Accepted Manager - Az
(Authorized Signatory)
Mr. Adil Mandhare



Date :

- This report is valid for the tested sample.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

****END OF REPORT****

(Signature)

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB- N-25-02-05108
Report Issue Date : 20-Feb-25
URL - TC622025020013386F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part -1, K-2, K-3, K-4, K-5 & K-6, MDC Talaja, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India : 410208
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-25-00
Date of Sampling : 13-Feb-25 to 14-Feb-25
Sampling Location : Near Time Office Area
Date of Receipt : 14-Feb-25
Sample Description : Ambient Noise Measurement
Sampling Duration : 24 Hrs
Latent Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	13-Feb-25	1:00 PM	52.3	14-Feb-25	2:00 AM	55.1	
2	13-Feb-25	2:00 PM	54.9	15-Feb-25	3:00 AM	54.2	
3	13-Feb-25	3:00 PM	50.3	15-Feb-25	4:00 AM	50.1	
4	13-Feb-25	4:00 PM	55.1	15-Feb-25	5:00 AM	52.8	
5	13-Feb-25	5:00 PM	58.3	15-Feb-25	6:00 AM	53.9	
6	13-Feb-25	6:00 PM	52.5	15-Feb-25	7:00 AM	56.5	
7	13-Feb-25	7:00 PM	54.4	15-Feb-25	8:00 AM	58.3	
8	13-Feb-25	8:00 PM	58.5	15-Feb-25	9:00 AM	52.1	
9	13-Feb-25	9:00 PM	63.7	15-Feb-25	10:00 AM	60.1	
10	13-Feb-25	10:00 PM	60.8	15-Feb-25	11:00 AM	62.6	
11	13-Feb-25	11:00 PM	62.7	15-Feb-25	12:00 PM	53.9	
12	14-Feb-25	12:00 AM	58.3	15-Feb-25	1:00 PM	58.1	
13	14-Feb-25	1:00 AM	53.4				
Day Time L_{avg}			62.8	Night Time L_{avg}			60.8
Day Time L_{max}			63.7	Night Time L_{max}			58.1
Average Day Time Leq dB (A)			58.0	Average Night Time Leq dB (A)			54.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline


Akashdeep - Air
Pollution Signatory
Mr. Akashdeep



Note:

1. This report is valid for the test results only.
2. Test report shall not be reproduced without prior & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 24-Feb-25

Reference Number : EQN/021/LAB/R/25/02/06218

URL : TC082025000013786F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited

Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part-2), MIDC Talaja, Tal. Parvel, Dist. Raigarh, Talaja, Maharashtra, India 410208

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 17-02-25 to 18-02-25

Sampling Location : Near Utility Area

Date of Receipt : 18-Feb-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Feb-25	12:30 PM	58.6	18-Feb-25	1:30AM	58.6	
2	17-Feb-25	13:30PM	63.3	18-Feb-25	2:30 AM	55.4	
3	17-Feb-25	14:30PM	52.8	18-Feb-25	3:30Am	51.8	
4	17-Feb-25	15:30PM	56.3	18-Feb-25	4:30AM	50.3	
5	17-Feb-25	16:30PM	63.2	18-Feb-25	5:30AM	53.2	
6	17-Feb-25	17:30 PM	61.9	18-Feb-25	6:30AM	51.9	
7	17-Feb-25	18:30PM	63.2	18-Feb-25	7:30AM	52.3	
8	17-Feb-25	19:30PM	58.6	18-Feb-25	8:30AM	57.6	
9	17-Feb-25	20:30 PM	56.3	18-Feb-25	9:30AM	52.8	
10	17-Feb-25	21:30PM	67.1	18-Feb-25	10:30 AM	60.5	
11	17-Feb-25	22:30PM	59.5	18-Feb-25	11:30 Am	63.6	
12	17-Feb-25	23:30PM	62.1				
13	18-Feb-25	00:30AM	58.3				
		Day Time L_{max}	63.6		Night Time L_{max}	62.1	
		Day Time L_{min}	51.8		Night Time L_{min}	51.8	
Average Day Time Leq dB (A)			58.6	Average Night Time Leq dB (A)			56.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Analyst Manager -
(Authorized Signatory)
Mr. Anil Mandhare



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

[Signature]

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/0011/LAB/ N/25/02/06323 Report Issue Date : 24-Feb-25
ULR - TC682025000013770F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Deepak Fertilisers and Petrochemicals Corporation Limited
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part-2), MIDC Talpa, Tal. Panvel, Dist. Raigad, Talaja, Maharashtra, India 410206
Contact Person : Madan Pospeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SCP-BW-30-02 Date of Sampling : 17-02-25 to 18-02-25
Sampling Location : Near Store Area Date of Receipt : 18-Feb-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Feb-25	13:00 pm	52.3	18-Feb-25	2:00 AM	51.2	
2	17-Feb-25	14:00 PM	50.6	18-Feb-25	3:00 AM	54.6	
3	17-Feb-25	15:00 PM	58.9	18-Feb-25	4:00 AM	53.2	
4	17-Feb-25	16:00 PM	53.5	18-Feb-25	5:00 AM	51.6	
5	17-Feb-25	17:00 PM	52.8	18-Feb-25	6:00 AM	52.3	
6	17-Feb-25	18:00 PM	58.8	18-Feb-25	7:00 AM	54.3	
7	17-Feb-25	19:00 PM	51.9	18-Feb-25	8:00 AM	51.9	
8	17-Feb-25	20:00 PM	52.3	18-Feb-25	9:00 AM	54.3	
9	17-Feb-25	21:00 PM	50.5	18-Feb-25	10:00 AM	52.9	
10	17-Feb-25	22:00 PM	51	18-Feb-25	11:00 AM	50.3	
11	17-Feb-25	23:00 PM	48.3	18-Feb-25	12:00 Am	51.2	
12	17-Feb-25	00:00 AM	48.6				
13	18-Feb-25	1:00 Am	50.3				
Day Time L_{max}			58.9	Night Time L_{max}			54.6
Day Time L_{min}			50.3	Night Time L_{min}			48.3
Average Day Time Leq dB (A)			53.6	Average Night Time Leq dB (A)			51.3

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found within the range as per CPCB Guideline.

Authorized Manager - As
(Authorized Signatory)
Mr. Anil Mandhane

Date



1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

[Signature]

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 5-Mar-25

Reference Number : EQNX-001-LAB- N-25-03-00367

ULR - TC682025000016058F

INFORMATION PROVIDED BY CUSTOMER

Client Name : Mrs Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, Midc.Tal. Panvel, Dist. Raigad, City/Taluka, State/Maharashtra, India : 410208
Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 28-Feb-25 To 01-Mar-25
Sampling Location : K-5, Plant Area Date of Receipt : 1-Mar-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-Feb-25	10:52 AM	57.7	28-Feb-25	11:52 PM	54.1	
2	28-Feb-25	11:52 AM	64.1	18-Jan-25	12:52 AM	66.7	
3	28-Feb-25	12:52 PM	55.7	15-Jan-25	1:52 AM	64.3	
4	28-Feb-25	1:52 PM	61.1	15-Jan-25	2:52 AM	52.8	
5	28-Feb-25	2:52 PM	60.8	15-Jan-25	3:52 AM	60.3	
6	28-Feb-25	3:52 PM	64.4	15-Jan-25	4:52 AM	57.8	
7	28-Feb-25	4:52 PM	66.1	15-Jan-25	5:52 AM	65.2	
8	28-Feb-25	5:52 PM	60.4	15-Jan-25	6:52 AM	70.1	
9	28-Feb-25	6:52 PM	62.3	15-Jan-25	7:52 AM	64.2	
10	28-Feb-25	7:52 PM	67.3	15-Jan-25	8:52 AM	59.1	
11	28-Feb-25	8:52 PM	66.1	15-Jan-25	9:52 AM	68.0	
12	28-Feb-25	9:52 PM	65.1	15-Jan-25	10:52 AM	58.9	
13	28-Feb-25	10:52 PM	60.8				
		Day Time L_{max}	70.1		Night Time L_{max}	65.2	
		Day Time L_{min}	55.1		Night Time L_{min}	52.8	
Average Day Time Leq dB (A)			61.7	Average Night Time Leq dB (A)			58.0

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Mar-25

Reference Number : EDNX001/LAB: N-25-02-06265 R

ULR - TC662025000013764F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part-1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad, State Maharashtra, ZipCode 410208.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-03 Date of Sampling : 18-Feb-25
Sampling Location : Near Acid Tank Date of Receipt : 18-Feb-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	18-Feb-25	12.45 PM	65.2	19-Feb-25	1.45 AM	58.8	
2	18-Feb-25	13.45 PM	63.2	19-Feb-25	2.45 AM	53.2	
3	18-Feb-25	14.45 PM	61.0	19-Feb-25	3.45 AM	54.8	
4	18-Feb-25	15.45 PM	62.6	19-Feb-25	4.45 AM	60.3	
5	18-Feb-25	16.45 PM	58.3	19-Feb-25	5.45 AM	62.8	
6	18-Feb-25	17.45 PM	52.9	19-Feb-25	6.45 AM	61.8	
7	18-Feb-25	18.45 PM	55.5	19-Feb-25	7.45 AM	58.2	
8	18-Feb-25	19.45 PM	63.8	19-Feb-25	8.45 AM	53.3	
9	18-Feb-25	20.45 PM	55.5	19-Feb-25	9.45 AM	56.1	
10	18-Feb-25	21.45 PM	63.2	19-Feb-25	10.45 AM	60.3	
11	18-Feb-25	22.45 PM	54.6	19-Feb-25	11.45 AM	62.9	
12	18-Feb-25	23.45 PM	52.1				
13	18-Feb-25	00.45 AM	59.6				
		Day Time L_{max}	65.2			Night Time L_{max}	62.6
		Day Time L_{min}	52.9			Night Time L_{min}	52.1
Average Day Time Leq dB (A)			59.2	Average Night Time Leq dB (A)			58.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mendhare



Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purposes.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.
6. This report is issued in the lieu of report number N-25-02-06265 dated 22-Feb-25.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Mar-25

Reference Number : EQNX001-LAB-N25-02-06266-R

ILR - TC682025000013785F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part -1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Parvat, Dist. Raigad, State Maharashtra, ZipCode 410208.

Contact Person : Madan Pipela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-00-00

Date of Sampling : 18-Feb-25

Sampling Location : Near GT II Area

Date of Receipt : 18-Feb-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	18-Feb-25	12.00 PM	62.6	18-Feb-25	1.00 AM	55.5	
2	18-Feb-25	13.00 PM	63.0	18-Feb-25	2.00 AM	56.6	
3	18-Feb-25	14.00 PM	66.6	18-Feb-25	3.00 AM	60.3	
4	18-Feb-25	15.00 PM	58.3	18-Feb-25	4.00 AM	61.9	
5	18-Feb-25	16.00 PM	56.5	18-Feb-25	5.00 AM	62.6	
6	18-Feb-25	17.00 PM	60.3	18-Feb-25	6.00 AM	60.6	
7	18-Feb-25	18.00 PM	62.1	18-Feb-25	7.00 AM	53.3	
8	18-Feb-25	19.00 PM	63.6	18-Feb-25	8.00 AM	62.6	
9	18-Feb-25	20.00 PM	60.6	18-Feb-25	9.00 AM	65.7	
10	18-Feb-25	21.00 PM	56.5	18-Feb-25	10.00 AM	65.1	
11	18-Feb-25	22.00 PM	59.2	18-Feb-25	11.00 AM	62.5	
12	18-Feb-25	23.00 PM	62.1				
13	18-Feb-25	00.00 AM	63.6				
		Day Time L_{max}	66.6			Night Time L_{max}	55.5
		Day Time L_{min}	55.5			Night Time L_{min}	53.3
Average Day Time Leq dB (A)			62.1	Average Night Time Leq dB (A)			60.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Analyst Manager - Air
(Authorized Signatory)
Mr. Abul Makharef

note -

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.
6. This report is issued in the lieu of report number N-25-02-06266 dated 22-Feb-25.

****END OF REPORT****

[Signature]

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Apr-25

Reference Number : EQNX-001-LAB- N25-03-10389

ULR - TC0820250000257659

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad City Talaja State:Maharashtra ZipCode:410208.
Contact Person : Madan Pipeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-08 Date of Sampling : 28-Mar-25
Sampling Location : Near Methanol Gate Area Date of Receipt : 29-Mar-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Issue : Atmospheric Pollution

Gr. No	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-03-2025	14:00 PM	66.7	28-03-2025	03:00 AM	56.3	
2	28-03-2025	15:00 PM	65.4	28-03-2025	04:00 AM	58.1	
3	28-03-2025	16:00 PM	63.9	28-03-2025	05:00 AM	60.5	
4	28-03-2025	17:00 PM	68.2	28-03-2025	06:00 AM	62.3	
5	28-03-2025	18:00 PM	65.1	28-03-2025	07:00 AM	61.4	
6	28-03-2025	19:00 PM	56.3	28-03-2025	08:00 AM	63.2	
7	28-03-2025	20:00 PM	58.2	28-03-2025	09:00 AM	65.4	
8	28-03-2025	21:00 PM	55.2	28-03-2025	10:00 AM	66.3	
9	28-03-2025	22:00 PM	61.8	28-03-2025	11:00 AM	61.2	
10	28-03-2025	23:00 PM	62.3	28-03-2025	12:00 PM	65.5	
11	28-03-2025	24:00 AM	66.5	28-03-2025	13:00 PM	63.2	
12	28-03-2025	01:00 AM	63.7	28-03-2025	14:00 PM	68.2	
13	28-03-2025	02:00 AM	64.4				
Day Time L_{max}			66.7	Night Time L_{max}			68.2
Day Time L_{min}			55.2	Night Time L_{min}			51.8
Average Day Time Leq dB (A)			62.5	Average Night Time Leq dB (A)			55.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found **Satisfactory** as per CPCB Guideline


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Manchare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 03-04-2025

Reference Number : EQNX-001-LAB- N:25:03:10401

ULR - TC602025002025035F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC Talaja, Tal. Panvel, Dist. Raigad City: Talaja State Maharashtra ZipCode:410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SGP-ENV-25-00 Date of Sampling : 27-Mar-25

Sampling Location : Near WNA 3 Area Date of Receipt : 28-Mar-25

Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-03-2025	13:25:PM	66.2	28-03-2025	2:25:AM	63.2	
2	27-03-2025	14:25:PM	64.3	28-03-2025	3:25:AM	61.8	
3	27-03-2025	15:25:PM	61.5	28-03-2025	4:25:AM	62.9	
4	27-03-2025	16:25:PM	66.3	28-03-2025	5:25:AM	66.4	
5	27-03-2025	17:25:PM	64.8	28-03-2025	6:25:AM	63.2	
6	27-03-2025	18:25:PM	61.1	28-03-2025	7:25:AM	61.7	
7	27-03-2025	19:25:PM	58.3	28-03-2025	8:25:AM	62.8	
8	27-03-2025	20:25:PM	55.4	28-03-2025	9:25:AM	63.9	
9	27-03-2025	21:25:PM	52.1	28-03-2025	10:25:AM	64.8	
10	27-03-2025	22:25:PM	53.8	28-03-2025	11:25:AM	66.1	
11	27-03-2025	23:25:PM	51.9	28-03-2025	12:25:AM	62.1	
12	28-03-2025	24:25:AM	63.2	28-03-2025	13:25:PM	63.3	
13	28-03-2025	1:25:AM	65.4				
		Day Time L_{max}	66.2			Night Time L_{max}	66.4
		Day Time L_{min}	52.1			Night Time L_{min}	51.8
Average Day Time Leq dB (A)			62.3	Average Night Time Leq dB (A)			59.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

*****END OF REPORT*****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 3-Apr-25

Reference Number : EQNX-001-LAB-M-25-03-10400

URL : TC682225000025790F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad City Talaja State/Maharashtra ZipCode/410308.

Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 29-Mar-25

Sampling Location : Near IPA Gate Area Date of Receipt : 29-Mar-25

Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmosphere Pollution

Gr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	28-03-2025	14:00:PM	65.4	29-03-2025	03:00:AM	52.1	
2	28-03-2025	15:00:PM	66.4	29-03-2025	04:00:AM	51.1	
3	28-03-2025	16:00:PM	61.3	29-03-2025	05:00:AM	53.5	
4	28-03-2025	17:00:PM	62.8	29-03-2025	06:00:AM	60.3	
5	28-03-2025	18:00:PM	63.2	29-03-2025	07:00:AM	62.9	
6	28-03-2025	19:00:PM	66.5	29-03-2025	08:00:AM	63.3	
7	28-03-2025	20:00:PM	58.1	29-03-2025	09:00:AM	61.9	
8	28-03-2025	21:00:PM	56.3	29-03-2025	10:00:AM	66.4	
9	28-03-2025	22:00:PM	53.2	29-03-2025	11:00:AM	58.2	
10	28-03-2025	23:00:PM	51.9	29-03-2025	12:00:PM	65.4	
11	28-03-2025	24:00:AM	56.2	29-03-2025	13:00:PM	63.2	
12	28-03-2025	01:00:AM	55.4	29-03-2025	14:00:PM	61.9	
13	29-03-2025	02:00:AM	51.4				
Day Time L_{max}			66.2	Night Time L_{max}			58.3
Day Time L_{min}			55.5	Night Time L_{min}			51.1
Average Day Time Leq dB (A)			62.7	Average Night Time Leq dB (A)			53.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
(Authorized Signatory)
Mr. Abul Mandhare



Note :

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 03-04-2025

Reference Number : EQNOX-001-LAB-N25-03-10402

ULR : TC683025 000025528

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad City: Talaja State: Maharashtra Zip Code: 410206.
Contact Person : Madan Pipata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-05-00 Date of Sampling : 27-Mar-25
Sampling Location : Near GT-2 Area Date of Receipt : 28-Mar-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	27-03-2025	13:25:PM	59.1	28-03-2025	2:25:AM	58.3	
2	27-03-2025	14:25:PM	60.3	28-03-2025	3:25:AM	58.9	
3	27-03-2025	15:25:PM	62.1	28-03-2025	4:25:AM	58.1	
4	27-03-2025	16:25:PM	61.9	28-03-2025	5:25:AM	53.2	
5	27-03-2025	17:25:PM	60.5	28-03-2025	6:25:AM	54.5	
6	27-03-2025	18:25:PM	63.2	28-03-2025	7:25:AM	63.1	
7	27-03-2025	19:25:PM	58.1	28-03-2025	8:25:AM	66.5	
8	27-03-2025	20:25:PM	66.5	28-03-2025	9:25:AM	63.9	
9	27-03-2025	21:25:PM	63.2	28-03-2025	10:25:AM	65.2	
10	27-03-2025	22:25:PM	64.1	28-03-2025	11:25:AM	63.1	
11	27-03-2025	23:25:PM	63.2	28-03-2025	12:25:AM	64.2	
12	27-03-2025	24:25:AM	58.1	28-03-2025	13:25:PM	65.1	
13	28-03-2025	1:25:AM	53.2				
		Day Time L_{max}	69.1		Night Time L_{max}	64.1	
		Day Time L_{min}	54.5		Night Time L_{min}	53.2	
Average Day Time Leq dB (A)			64.6	Average Night Time Leq dB (A)			58.5

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.

Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare

Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/201/LAB/ N/25/03/10392 Report Issue Date : 03-04-2025
ULR - TC682025000025577F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal. Panvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-00-00 Date of Sampling : 31-Mar-25
Sampling Location : K-6 Plant Drumming Area Date of Receipt : 1-Apr-25
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-03-2025	14:10:PM	65.6	01-04-2025	3:10:AM	58.2	
2	31-03-2025	15:10:PM	62.3	01-04-2025	4:10:AM	59.1	
3	31-03-2025	16:10:PM	61.3	01-04-2025	5:10:AM	65.4	
4	31-03-2025	17:10:PM	58.3	01-04-2025	6:10:AM	63.2	
5	31-03-2025	18:10:PM	61.9	01-04-2025	7:10:AM	61.9	
6	31-03-2025	19:10:PM	63.5	01-04-2025	8:10:AM	66.2	
7	31-03-2025	20:10:PM	64.3	01-04-2025	9:10:AM	63.1	
8	31-03-2025	21:10:PM	61.8	01-04-2025	10:10:AM	64.6	
9	31-03-2025	22:10:PM	66.3	01-04-2025	11:10:AM	66.2	
10	31-03-2025	23:10:PM	57.1	01-04-2025	12:10:PM	63.1	
11	31-03-2025	24:10:AM	58.9	01-04-2025	13:10:PM	62.7	
12	31-03-2025	1:10:AM	62.1	01-04-2025	14:10:PM	63.9	
13	01-04-2025	2:10:AM	63.6				
		Day Time L_{max}	68.2			Night Time L_{max}	65.4
		Day Time L_{min}	51.8			Night Time L_{min}	58.2
Average Day Time Leq dB (A)			60.9	Average Night Time Leq dB (A)			60.1

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mendhane



Note :

- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The sample has been provided by the customer and results applied to the sample as received by the lab.
- The information provided by customer can affect the validity of results.

*****END OF REPORT*****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Mar-25

Reference Number : EQNX-001-LAB: N25-03-00497

ULM - TC08630293000025291F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad, City/Talaja, State: Maharashtra, ZipCode: 410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 24-Mar-25 To 25-Mar-25

Sampling Location : Near Store Area

Date of Receipt : 25-Mar-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs.

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Mar-25	14:45 PM	62.7	25-Mar-25	3:45 AM	60.5	
2	24-Mar-25	15:45 PM	63.8	25-Mar-25	4:45 AM	63.2	
3	24-Mar-25	16:45 PM	60.9	25-Mar-25	5:45 AM	61.9	
4	24-Mar-25	17:45 PM	62.4	25-Mar-25	6:45 AM	62.6	
5	24-Mar-25	18:45 PM	58.3	25-Mar-25	7:45 AM	65.4	
6	24-Mar-25	19:45 PM	63.2	25-Mar-25	8:45 AM	66.3	
7	24-Mar-25	20:45 PM	56.5	25-Mar-25	9:45 AM	66.1	
8	24-Mar-25	21:45 PM	63.1	25-Mar-25	10:45 AM	62.5	
9	24-Mar-25	22:45 PM	66.3	25-Mar-25	11:45 AM	62.6	
10	24-Mar-25	23:45 PM	56.9	25-Mar-25	12:45 PM	66.7	
11	25-Mar-25	12:45 AM	64.2	25-Mar-25	13:45 PM	68.3	
12	25-Mar-25	1:45 AM	66.3	25-Mar-25	14:45 PM	66.5	
13	25-Mar-25	2:45 AM	58.1				
		Day Time L_{max}	69.7			Night Time L_{max}	68.3
		Day Time L_{min}	62.7			Night Time L_{min}	54.2
Average Day Time Leq dB (A)			62.0	Average Night Time Leq dB (A)			59.9

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 29-Mar-25

Reference Number : EQNK001-LAB: N-25-03-09499

ULR - TC68202500025292F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K - 2, K - 3, K - 4, K - 5 & K - 6, MIDC, Talaja, Tal. Panvel, Dist. Raigad, City: Talaja, State: Maharashtra, ZipCode: 410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Mar-25 To 25-Mar-25

Sampling Location : Near Acid Tank Area Date of Receipt : 25-Mar-25

Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)
1	24-Mar-25	15:00 PM	62.5	25-Mar-25	4:00 AM	61.9
2	24-Mar-25	16:00 PM	63.9	25-Mar-25	5:00 AM	64.3
3	24-Mar-25	17:00 PM	66.3	25-Mar-25	6:00 AM	66.4
4	24-Mar-25	18:00 PM	65.4	25-Mar-25	7:00 AM	63.2
5	24-Mar-25	19:00 PM	63.2	25-Mar-25	8:00 AM	61.8
6	24-Mar-25	20:00 PM	61.8	25-Mar-25	9:00 AM	63.2
7	24-Mar-25	21:00 PM	62.1	25-Mar-25	10:00 AM	66.4
8	24-Mar-25	22:00 PM	58.3	25-Mar-25	11:00 AM	62.5
9	24-Mar-25	23:00 PM	56.5	25-Mar-25	12:00 PM	62.9
10	25-Mar-25	12:00 AM	58.3	25-Mar-25	13:00 PM	63.9
11	25-Mar-25	1:00 AM	60.3	25-Mar-25	14:00 PM	58.5
12	25-Mar-25	2:00 AM	68.2	25-Mar-25	15:00 PM	56.3
13	25-Mar-25	3:00 AM	63.5			
		Day Time L_{max}	66.4	Night Time L_{max}		68.2
		Day Time L_{min}	56.3	Night Time L_{min}		56.5
Average Day Time Leq dB (A)			63.0	Average Night Time Leq dB (A)		61.4

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPQS Guideline.


 Assistant Manager - Air
 (Authorised Signatory)
 Mr. Abul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com

EQUINOX TEST REPORT

Report Issue Date : 29-Mar-25

Reference Number : EQNX-001-LAB- N-25-03-09499

ULR : TC682035000035297F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad, City: Talaja, State: Maharashtra, ZipCode: 410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-03

Date of Sampling : 25-Mar-25 To 26-Mar-25

Sampling Location : Near Utility Area

Date of Receipt : 25-Mar-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs.

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Mar-25	13:15 PM	61.0	25-Mar-25	2:15 AM	58.2	
2	25-Mar-25	14:15 PM	62.8	25-Mar-25	3:15 AM	59.1	
3	25-Mar-25	15:15 PM	63.1	25-Mar-25	4:15 AM	63.4	
4	25-Mar-25	16:15 PM	66.5	25-Mar-25	5:15 AM	64.9	
5	25-Mar-25	17:15 PM	64.2	25-Mar-25	6:15 AM	65.1	
6	25-Mar-25	18:15 PM	68.9	25-Mar-25	7:15 AM	62.6	
7	25-Mar-25	19:15 PM	61.3	25-Mar-25	8:15 AM	63.9	
8	25-Mar-25	20:15 PM	62.7	25-Mar-25	9:15 AM	64.5	
9	25-Mar-25	21:15 PM	61.1	25-Mar-25	10:15 AM	63.3	
10	25-Mar-25	22:15 PM	58.3	25-Mar-25	11:15 AM	66.5	
11	25-Mar-25	23:15 PM	59.5	25-Mar-25	12:15 PM	61.8	
12	26-Mar-25	12:15 AM	53.1	26-Mar-25	13:15 PM	62.1	
13	26-Mar-25	1:15 AM	56.2				
		Day Time L_{MAX}	68.9			Night Time L_{MAX}	64.9
		Day Time L_{MIN}	61.1			Night Time L_{MIN}	53.1
Average Day Time Leq dB (A)			63.6	Average Night Time Leq dB (A)			58.7

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)

Mr. Atul Manchare

Note :



1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024 | UDYAM-MH-19-0195063

Registered Office : Equinox Center, R65, TTC, Rabale, Navi Mumbai, Maharashtra - 400701

Laboratories At : Mumbai, Bengaluru, Hyderabad, Noida & Chennai

+912250647422

info@equinoxlab.com

www.equinoxlab.com



EQUINOX TEST REPORT

Report Issue Date : 29-Mar-25

Reference Number : EQNX-001 LAB: N-25-03-09500

ULR - TC682025000025296F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Talaja, Tal. Panvel, Dist. Raigad, City: Talaja, State: Maharashtra, ZipCode: 410206.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-25-02

Date of Sampling : 25-Mar-25 To 26-Mar-25

Sampling Location : Near Time Office Area

Date of Receipt : 26-Mar-25

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs.

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	25-Mar-25	13:20 PM	64.3	25-Mar-25	2:20 AM	58.4	
2	25-Mar-25	14:20 PM	66.5	25-Mar-25	3:20 AM	58.6	
3	25-Mar-25	15:20 PM	68.3	25-Mar-25	4:20 AM	53.2	
4	25-Mar-25	16:20 PM	65.1	25-Mar-25	5:20 AM	55.4	
5	25-Mar-25	17:20 PM	60.5	25-Mar-25	6:20 AM	58.9	
6	25-Mar-25	18:20 PM	66.2	25-Mar-25	7:20 AM	63.2	
7	25-Mar-25	19:20 PM	63.6	25-Mar-25	8:20 AM	59.1	
8	25-Mar-25	20:20 PM	51.9	25-Mar-25	9:20 AM	66.5	
9	25-Mar-25	21:20 PM	62.5	25-Mar-25	10:20 AM	63.2	
10	25-Mar-25	22:20 PM	63.2	25-Mar-25	11:20 AM	66.1	
11	25-Mar-25	23:20 PM	66.8	25-Mar-25	12:20 PM	62.9	
12	26-Mar-25	12:20 AM	63.1	25-Mar-25	13:20 PM	63.4	
13	26-Mar-25	1:20 AM	59.6				
		Day Time L_{max}	68.3			Night Time L_{max}	66.8
		Day Time L_{min}	58.9			Night Time L_{min}	53.2
Average Day Time Leq dB (A)			63.9	Average Night Time Leq dB (A)			59.54

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorised Signatory)
Mr. Atul Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 28-Dec-24

Reference Number : EQN/D01/LAB/ R24/12-05053

ULR - TC682024000087410F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Panvel, Raigad, Maharashtra, India : 410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 20-Dec-24

Sampling Location : Near Utility Area

Date of Receipt : 20-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	20-Dec-24	12:30 PM	72.1	21-Dec-24	2:30 AM	59.8	
2	20-Dec-24	14:30 PM	69.7	21-Dec-24	3:30 AM	57.5	
3	20-Dec-24	15:30 PM	67.9	21-Dec-24	4:30 AM	58.1	
4	20-Dec-24	16:30 PM	69.9	21-Dec-24	5:30 AM	57.7	
5	20-Dec-24	17:30 PM	68.5	21-Dec-24	6:30 AM	58.5	
6	20-Dec-24	18:30 PM	69.1	21-Dec-24	7:30 AM	58.2	
7	20-Dec-24	19:30 PM	67.7	21-Dec-24	8:30 AM	62.1	
8	20-Dec-24	20:30 PM	65.6	21-Dec-24	9:30 AM	61.9	
9	20-Dec-24	21:30 PM	66.8	21-Dec-24	10:30 AM	63.4	
10	20-Dec-24	22:30 PM	64.5	21-Dec-24	11:30 AM	65.5	
11	20-Dec-24	23:30 PM	62.3	21-Dec-24	12:30 PM	64.9	
12	21-Dec-24	12:30 AM	61.3	21-Dec-24			
13	21-Dec-24	1:30 AM	60.4				
		Day Time L_{max}	72.1		Night Time L_{max}	64.5	
		Day Time L_{min}	56.5		Night Time L_{min}	57.5	
Average Day Time Leq dB (A)			65.7	Average Night Time Leq dB (A)			60.2

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Report Issue Date : 28-Dec-24

Reference Number : EQ90X.001.LAB- N/24/12/08852

ULR - TC682024000057406F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, MIDC Taluja, Parvat, Raigad, Maharashtra, India : 410208,

Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-25-00

Date of Sampling : 20-Dec-24

Sampling Location : Near Acid Tank

Date of Receipt : 20-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	20-Dec-24	13:15 PM	50.4	21-Dec-24	2:15 AM	54.2	
2	20-Dec-24	14:15 PM	67.5	21-Dec-24	3:15 AM	55.4	
3	20-Dec-24	15:15 PM	65.1	21-Dec-24	4:15 AM	53.9	
4	20-Dec-24	16:15 PM	68.5	21-Dec-24	5:15 AM	54.2	
5	20-Dec-24	17:15 PM	67.6	21-Dec-24	6:15 AM	57.6	
6	20-Dec-24	18:15 PM	64.7	21-Dec-24	7:15 AM	56.8	
7	20-Dec-24	19:15 PM	62.7	21-Dec-24	8:15 AM	61.7	
8	20-Dec-24	20:15 PM	63.8	21-Dec-24	9:15 AM	63.5	
9	20-Dec-24	21:15 PM	61.9	21-Dec-24	10:15 AM	62.8	
10	20-Dec-24	22:15 PM	61.3	21-Dec-24	11:15 AM	64.2	
11	20-Dec-24	23:15 PM	60.1	21-Dec-24	12:15 PM	65.4	
12	21-Dec-24	12:15 AM	58.6	21-Dec-24			
13	21-Dec-24	1:15 AM	58.5				
		Day Time L_{max}	68.5		Night Time L_{max}	61.2	
		Day Time L_{min}	57.6		Night Time L_{min}	53.9	
Average Day Time Leq dB (A)			64.0	Average Night Time Leq dB (A)			56.8

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Mandhare



TC-4825



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Dec-24

Reference Number : EQAK001-LAB- N/24/12-08854

URL : TC682034000086803F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City/Taluka, State/Maharashtra, India : 410208.

Contact Person : Mallikarjuna

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-25-00

Date of Sampling : 19-Dec-2024 to 20-Dec-2024

Sampling Location : Near OT II Area

Date of Receipt : 20-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	19-Dec-24	12:10 PM	53.6	20-Dec-24	1:10 AM	53.7	
2	19-Dec-24	13:10 pm	55.7	20-Dec-24	2:10 AM	52.9	
3	19-Dec-24	14:10 pm	54.5	20-Dec-24	3:10 AM	54.5	
4	19-Dec-24	15:10 pm	52.2	20-Dec-24	4:10 AM	55.1	
5	19-Dec-24	16:10 pm	51.1	20-Dec-24	5:10 AM	52.8	
6	19-Dec-24	17:10 pm	50.9	20-Dec-24	6:10 AM	51.7	
7	19-Dec-24	18:10 pm	57.8	20-Dec-24	7:10 AM	53.2	
8	19-Dec-24	19:10 pm	50.4	20-Dec-24	8:10 AM	54.9	
9	19-Dec-24	20:10 pm	58.2	20-Dec-24	9:10 AM	57.8	
10	19-Dec-24	21:10 pm	59.1	20-Dec-24	10:10 AM	55.1	
11	19-Dec-24	22:10 pm	56.5	20-Dec-24	11:10 AM	56.8	
12	19-Dec-24	23:10 pm	55.1				
13	19-Dec-24	24:10 pm	54.6				
		Day Time L_{eq}	55.7			Night Time L_{eq}	55.5
		Day Time L_{max}	51.7			Night Time L_{min}	52.9
Average Day Time Leq dB (A)			50.3	Average Night Time Leq dB (A)			54.4

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guidline.


Anandharam
Authorized Signatory
Mr. Anandharam



TC-6828



Note :

1. This report is valid for the tested sample only.
2. Your report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 27-Dec-24

Reference Number : EQNKC021LAB-7/24/12/08935

ULR : TC882034000028964F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City Talaja, State Maharashtra, India : 410208
Contact Person : Madan Pigeeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-28-00 Date of Sampling : 16-Dec-2024 to 20-Dec-2024
Sampling Location : Near WHA B Area Date of Receipt : 20-Dec-24
Sample Description : Ambient Noise Measurement Sampling Duration : 34 hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Disruptive : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	19-Dec-24	12:05 PM	80.2	20-Dec-24	1:10 AM	58.5	
2	19-Dec-24	13:05 pm	87.4	20-Dec-24	2:10 AM	57.2	
3	19-Dec-24	14:05 pm	85.9	20-Dec-24	3:10 AM	59.5	
4	19-Dec-24	15:05 pm	88.1	20-Dec-24	4:10 AM	58.3	
5	19-Dec-24	16:05 pm	85.5	20-Dec-24	5:10 AM	58.9	
6	19-Dec-24	17:05 pm	87.0	20-Dec-24	6:10 AM	61.3	
7	19-Dec-24	18:05 pm	86.2	20-Dec-24	7:10 AM	63.5	
8	19-Dec-24	19:05 pm	84.8	20-Dec-24	8:10 AM	62.9	
9	19-Dec-24	20:05 pm	85.2	20-Dec-24	9:10 AM	64.5	
10	19-Dec-24	21:05 pm	83.2	20-Dec-24	10:10 AM	65.7	
11	19-Dec-24	22:05 pm	81.9	20-Dec-24	11:10 AM	64.9	
12	19-Dec-24	23:05 pm	82.3				
13	19-Dec-24	24:05 pm	80.2				
		Day Time L_{max}	88.1			Night Time L_{max}	64.9
		Day Time L_{min}	80.2			Night Time L_{min}	57.2
Average Day Time Leq dB (A)			84.1	Average Night Time Leq dB (A)			61.0

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Authorized Signatory
Mr. Anil Mandhare

Date :



TC-8828



- This report is valid for the tested sample only.
- Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
- This report should not be used for advertisement / judicial purpose.
- The samples has been provided by the customer and results applied to the sample as received by the lab
- The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Dec-24

Reference Number : EQN001-LAB: R24-12-07557

ULR - TC802024000065553F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Palival, Dist. Raigad, City Talaja, State Maharashtra, India : 410208.
Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 16-Dec-2024 to 17-Dec-2024
Sampling Location : Near Gate Area Date of Receipt : 17-Dec-24
Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	16-Dec-24	13:20 PM	60.9	17-Dec-24	2:20 AM	55.4	
2	16-Dec-24	14:20 PM	64.8	17-Dec-24	3:20 AM	55.2	
3	16-Dec-24	15:20 PM	63.3	17-Dec-24	4:20 AM	56.4	
4	16-Dec-24	16:20 PM	64.6	17-Dec-24	5:20 AM	58.2	
5	16-Dec-24	17:20 PM	65.8	17-Dec-24	6:20 AM	58.4	
6	16-Dec-24	18:20 PM	68.5	17-Dec-24	7:20 AM	55.9	
7	16-Dec-24	19:20 PM	67.1	17-Dec-24	8:20 AM	52.1	
8	16-Dec-24	20:20 PM	65.4	17-Dec-24	9:20 AM	58.6	
9	16-Dec-24	21:20 PM	63.2	17-Dec-24	10:20 AM	58.9	
10	16-Dec-24	22:20 PM	60.8	17-Dec-24	11:20 AM	60.3	
11	16-Dec-24	23:20 PM	61.7	17-Dec-24	12:20 PM	60.2	
12	17-Dec-24	12:20 AM	60.5				
13	17-Dec-24	1:20 AM	58.9				
		Day Time L_{max}	68.3			Night Time L_{max}	66.8
		Day Time L_{eq}	62.1			Night Time L_{eq}	53.2
Average Day Time Leq dB (A)			61.8	Average Night Time Leq dB (A)			58.9

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anandhore



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Dec-24

Reference Number : EQIX-001-LAB- N24-12-07558

ULR - TC682034000055560F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City-Taksha, State Maharashtra, India : 410206

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 17-Dec-2024 to 18-Dec-2024

Sampling Location : Near Methanol Gate

Date of Receipt : 18-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Dec-24	12:30 PM	58.7	18-Dec-24	1:30 AM	51.9	
2	17-Dec-24	13:30 PM	60.3	18-Dec-24	2:30 AM	53.5	
3	17-Dec-24	14:30 PM	62.1	18-Dec-24	3:30 AM	56.3	
4	17-Dec-24	15:30 PM	65.4	18-Dec-24	4:30 AM	56.4	
5	17-Dec-24	16:30 PM	62.3	18-Dec-24	5:30 AM	59.6	
6	17-Dec-24	17:30 PM	61.8	18-Dec-24	6:30 AM	58.5	
7	17-Dec-24	18:30 PM	62.6	18-Dec-24	7:30 AM	60.3	
8	17-Dec-24	19:30 PM	68.9	18-Dec-24	8:30 AM	61.9	
9	17-Dec-24	20:30 PM	67.2	18-Dec-24	9:30 AM	66.4	
10	17-Dec-24	21:30 PM	63.2	18-Dec-24	10:30 AM	67.2	
11	17-Dec-24	22:30 PM	61.8	18-Dec-24	11:30 AM	68.1	
12	17-Dec-24	23:30 PM	56.5				
13	18-Dec-24	12:30 AM	53.2				
		Day Time L_{max}	68.9			Night Time L_{max}	61.9
		Day Time L_{min}	58.3			Night Time L_{min}	51.9
Average Day Time Leq dB (A)			63.43125	Average Night Time Leq dB (A)			56.4

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Assistant Manager - Air
(Authorized Signatory)
Mr. Anil Manthare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Dec-24

Reference Number : EQNC001-LAB/ N24-12-07559

URL : TC883034000055581F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City/Tokla, State Maharashtra, India : 410208

Contact Person : Mallikar Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 17-Dec-2024 to 18-Dec-2024

Sampling Location : Near IPA Gate

Date of Receipt : 18-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Levelling Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	17-Dec-24	13:15 PM	57.3	18-Dec-24	2:15 AM	55.5	
2	17-Dec-24	14:15 PM	60.8	18-Dec-24	3:15 AM	51.6	
3	17-Dec-24	15:15 PM	66.1	18-Dec-24	4:15 AM	56.3	
4	17-Dec-24	16:15 PM	62.3	18-Dec-24	5:15 AM	58.9	
5	17-Dec-24	17:15 PM	61.2	18-Dec-24	6:15 AM	62.3	
6	17-Dec-24	18:15 PM	68.3	18-Dec-24	7:15 AM	61.8	
7	17-Dec-24	19:15 PM	61.9	18-Dec-24	8:15 AM	62.8	
8	17-Dec-24	20:15 PM	62.6	18-Dec-24	9:15 AM	63.4	
9	17-Dec-24	21:15 PM	58.4	18-Dec-24	10:15 AM	65.3	
10	17-Dec-24	22:15 PM	53.2	18-Dec-24	11:15 AM	64.8	
11	17-Dec-24	23:15 PM	61.7	18-Dec-24	12:15 AM	63.7	
12	18-Dec-24	12:15 AM	50.5				
13	18-Dec-24	1:15AM	53.8				
		Day Time L_{max}	66.1			Night Time L_{max}	58.5
		Day Time L_{min}	56.4			Night Time L_{min}	50.5
Average Day Time Leq dB (A)			62.3	Average Night Time Leq dB (A)			62.3

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


Associate Manager - Air
(Authorized Signatory)
Mr. Anil Mavhane



Note :

1. This report is valid for the tested sample only.
2. This report should not be reproduced except in full with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



EQUINOX TEST REPORT

Reference Number : EQNOX/DOT/LAB/ N-24/ 12/10638 Report Issue Date : 31-Dec-24
 ULR - TC662024000596057F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part- 1, K-2, K-3, K-4, K-5 & K-6, MIDC, Tal. Panvel, Dist. Raigad, City/Talaja, State:Maharashtra, India : 410206.
 Contact Person : Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 24-Dec-24 To 25-Dec-24
 Sampling Location : K6 Plant Near Main Gate Date of Receipt : 25-Dec-24
 Sample Description : Ambient Noise Measurement Sampling Duration : 24 Hrs
 Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sl. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	24-Dec-24	12:40 PM	53.3	25-Dec-24	1:40 AM	52.3	
2	24-Dec-24	1:40 PM	50.1	25-Dec-24	2:40 AM	58.8	
3	24-Dec-24	2:40 PM	57.2	25-Dec-24	3:40 AM	66.7	
4	24-Dec-24	3:40 PM	54.1	25-Dec-24	4:40 AM	61	
5	24-Dec-24	4:40 PM	55.1	25-Dec-24	5:40 AM	55.7	
6	24-Dec-24	5:40 PM	59.2	25-Dec-24	6:40 AM	50.1	
7	24-Dec-24	6:40 PM	62.1	25-Dec-24	7:40 AM	57.3	
8	24-Dec-24	7:40 PM	60.9	25-Dec-24	8:40 AM	49.1	
9	24-Dec-24	8:40 PM	55.7	25-Dec-24	9:40 AM	63.2	
10	24-Dec-24	9:40 PM	51.5	25-Dec-24	10:40 AM	58.1	
11	24-Dec-24	10:40 PM	52.3	25-Dec-24	11:40 AM	57.2	
12	24-Dec-24	11:40 PM	64.7				
13	25-Dec-24	12:40 AM	60.1				
		Day Time L_{max}	66.1			Night Time L_{max}	66.7
		Day Time L_{90}	49.1			Night Time L_{90}	52.3
Average Day Time Leq dB (A)			59.6	Average Night Time Leq dB (A)			58.1

Note : Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark : The Above Results Found Satisfactory as per CPCB Guideline.


 Aditya Manager - Sr.
 (Authorized Signatory)
 Mr. Anil Mandhane



TC-4820



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab.
5. The information provided by customer can affect the validity of results.

****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Dec-24

Reference Number : EQN001-LAB- N24-12-07555

ULR - TC882024000065582F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited

Address : Deepak Fertilizers & Petrochemicals Corporation Limited Plot Nos. K-1, Part - 1, K-2, K-3, K-4, K-5 & K-6, Midc, Tal. Panvel, Dist. Raigad, City-Taloja, State-Maharashtra, India - 410208.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-35-00

Date of Sampling : 16-Dec-2024 to 17-Dec-2024

Sampling Location : Near Tata Office Area

Date of Receipt : 17-Dec-24

Sample Description : Ambient Noise Measurement

Sampling Duration : 24 Hrs

Lateral Distance : 1.5 Meter from Ground Level

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	16-Dec-24	12:30 PM	59.5	17-Dec-24	2:30 AM	55.8	
2	16-Dec-24	14:30 PM	58.6	17-Dec-24	3:30 AM	51.9	
3	16-Dec-24	15:30 PM	62.4	17-Dec-24	4:30 AM	53.2	
4	16-Dec-24	16:30 PM	66.3	17-Dec-24	5:30 AM	51.0	
5	16-Dec-24	17:30 PM	67.6	17-Dec-24	6:30 AM	52.9	
6	16-Dec-24	18:30 PM	61.9	17-Dec-24	7:30 AM	56.5	
7	16-Dec-24	19:30 PM	63.2	17-Dec-24	8:30 AM	56.8	
8	16-Dec-24	20:30 PM	60.5	17-Dec-24	9:30 AM	59.2	
9	16-Dec-24	21:30 PM	62.9	17-Dec-24	10:30 AM	65.4	
10	16-Dec-24	22:30 PM	59.1	17-Dec-24	11:30 AM	63.8	
11	16-Dec-24	23:30 PM	60.5	17-Dec-24	12:30 PM	64.7	
12	17-Dec-24	12:30 AM	54.2				
13	17-Dec-24	1:30 AM	53.1				
		Day Time L_{max}	67.6			Night Time L_{max}	59.1
		Day Time L_{min}	52.9			Night Time L_{min}	51
Average Day Time Leq dB (A)			61.5	Average Night Time Leq dB (A)			54.35

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (06:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


 Acceptance Manager - Air
 (Authorized Signatory)
 Mr. Anil Mandhare



Note :

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.
3. This report should not be used for advertisement / judicial purpose.
4. The samples has been provided by the customer and results applied to the sample as received by the lab
5. The information provided by customer can affect the validity of results

****END OF REPORT****

Your Testing and Auditing Partner



**DEEPAK FERTILISERS
AND PETROCHEMICALS
CORPORATION LIMITED**

Mahadhan AgriTech Limited



Annual CSR Report

2024-2025

Deepak Fertilisers And Petrochemicals Corporation Limited and its subsidiaries are a responsible corporate citizen. Over the years, the Company has been engaged relentlessly in societal uplift (rural and urban) through Ishanya Foundation (IsFon).

VISION



To act as an effective catalyst in creating self-reliant and respectable societies, with secure and sustained means of livelihood, through employable skills and resource support and additionally, to promote and support the rich cultural heritage of India.

MISSION



Since its inception, IsFon has been consistently committed to:

- Identifying and filling gaps in the economy and the social support systems.
- Imparting vocational and soft skills to enhance employability.
- Facilitating income generation and self-employment programmes.
- Providing marketing and financial support to the beneficiaries.
- Promoting initiatives for the development of communities and self-help groups.
- Initiating preventive and corrective healthcare facilities.
- Enhancing the skills of farmers.
- Undertaking soil, nutrient, agri-input, and produce enhancement initiatives for farmers.
- Supporting performance arts, talent, and cultural richness among local communities.
- Extending crisis support in times of unexpected national calamities and disasters.



INITIATIVES CONTINUE TO BE FOCUSED ON:

- Livelihood & Women Empowerment
- Health
- Education
- Community Development & Social Welfare

MANAGING TRUSTEE PROFILE

Mrs. Parul Mehta is a multifaceted individual whose enduring passion lies in social impact. As the Managing Trustee of Ishanya Foundation since 2006, she has been at the forefront of conceptualising and leading a diverse array of initiatives aimed at fostering inclusive growth. Under her stewardship, the Foundation has implemented programmes that empower women, strengthen primary healthcare, support farmers, provide skills training, and enhance rural education - contributing to sustainable livelihoods and uplifting communities across Western India.

Beyond her philanthropic endeavours, Mrs. Mehta is a connoisseur of the arts with a special affinity for Indian classical music. She holds a formal degree in Sitar from Prayag Sangeet Samiti, Allahabad. Her commitment to cultural enrichment led her to co-found WOPA - World of Performing Arts, through which she played an instrumental role in launching a widely acclaimed winter theatre festival in Pune, showcasing nationally renowned performances to local audiences.

She holds a Commerce degree from Mumbai University and has augmented her leadership capabilities through executive education at Harvard Business School and the Women on Boards seminar at INSEAD, France.

Mrs. Mehta's efforts have been recognised through prestigious accolades, including the **Times Power Women Pune Award (2017)** for Philanthropy and the **Mahatma Award for Social Good (2020)** for her contribution to poverty alleviation.

Her journey continues to be guided by a deep-seated commitment to building a more inclusive and equitable society.



TRUSTEES

“

At Ishanya Foundation, we view Corporate Social Responsibility not merely as an obligation, but as a meaningful opportunity to drive inclusive growth and lasting impact. Our initiatives are rooted in the belief that true progress lies in empowering communities, nurturing self-reliance, and creating pathways for sustainable development. Through consistent engagement and thoughtful action, we remain committed to building a better, more equitable future for all.

”



Mr. Sailesh C. Mehta
(Trustee, Ishanya Foundation)



Mr. Ashok P. Shah
(Trustee, Ishanya Foundation)

FROM THE DESK OF **MANAGING TRUSTEE**



Mrs. Parul S. Mehta



Each year brings with it new challenges, new learnings, and new reasons to stay committed to the path we've chosen. As I reflect on IsFon's journey over the past year, I am filled with a deep sense of gratitude - for the lives we've touched, the partnerships we've built, and the quiet but powerful transformations happening on the ground.

At IsFon, we have always believed that true development begins with inclusion - when every individual feels seen, heard, and equipped to shape their own future. Our work in communities is not about charity; it's about co-creating solutions that empower, uplift, and last.

Whether it's helping a rural artisan access new markets, introducing digital tools in village schools, or supporting health and well-being through camps and awareness drives - every initiative is designed to spark confidence and build capacity from within. This year, we've seen inspiring stories of resilience and renewal emerge from the villages we serve, reminding us that change begins at the grassroots.

We are proud of what we've achieved, but more importantly, we are humbled by the trust the communities place in us. That trust is our biggest responsibility. It fuels our resolve to keep learning, adapting, and growing as an organisation.

To our dedicated team, our board, advisors, donors, and partners - thank you. Your belief in our vision and your steadfast support enable us to keep moving forward.

As we step into another year, we carry with us the hope that our collective efforts will continue to create ripples of impact - small steps that lead to stronger, self-reliant communities and a more inclusive tomorrow.

Let us continue to walk together - with purpose, with compassion, and with unwavering hope.

Thank you,

Mrs. Parul S. Mehta

Managing Trustee, Ishanya Foundation

OVERVIEW OF INITIATIVES

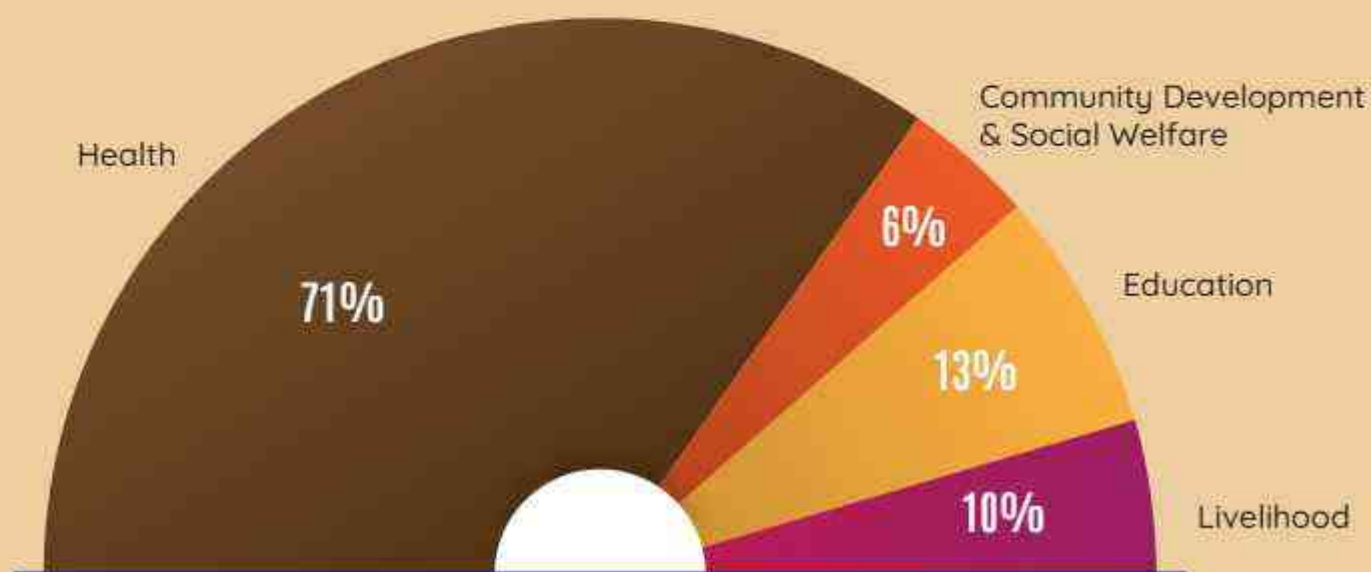
Since its inception, Ishanya Foundation has remained steadfast in its mission to empower communities across Maharashtra, Gujarat, and Andhra Pradesh. In the fiscal year 2024-25 alone, our programmes reached and positively impacted 51,942 individuals, strengthening our commitment to inclusive and sustainable development.

In urban areas, our focus lies in enhancing employability and increasing household incomes through initiatives such as the **Vocational Skill Development Project (VSDP)**, **Livelihood Enhancement through Entrepreneurship Development (LEED)** including the **Muskaan** programme, the **Income Generation Programme (IGP)**, **Entrepreneurship Development**, and the **Yellow Ribbon NGO & Artisan's Fair (YRNF)**. We also address health and wellness in underserved urban communities through our healthcare initiative, **Aarogyam**.

In rural areas, IsFon implements comprehensive development projects including **Agri Based Livelihood (ABL)**, the **Dairy Service Centre (DSC)**, **Aarogyam**, **Gyanam**, **Community Development & Social Welfare (CDSW)**, **Entrepreneurship Development**, and **VSDP**. These initiatives are designed to support small and marginal farmers, women, and youth - helping them overcome economic and health-related challenges while building sustainable livelihoods.

Driven by a committed team and an inclusive approach, IsFon continues to create transformative change where it matters most - at the grassroots level.

Sector-Wise Beneficiary Coverage 2024-2025:



Beneficiaries Covered: 51,942

BENEFICIARIES COVERED: 51,942

Key Highlights 2024-25

Sr. No.	Project	Major Activities	Rural	Urban	Total Beneficiaries
1.	Vocational Skill Development Project (VSDP)	Job Oriented Vocational Courses including Spoken English & Personality Development, Sponsorship of course fees, Placements	116	760	876
2.	Livelihood Enhancement through Entrepreneurship Development (LEED)	Income Generation Programme, Muskaan, Entrepreneurship Development, Yellow Ribbon NGO & Artisan's Fair	48	3,875	3,923
3.	Agri Based Livelihood (ABL)	Mango Plantation, Vegetable Cultivation, Water Resource Development & Conveyance, Nursery Development, Trial Plots (Vegetable & Fruits), Exposure & Training.	175	NA	175
4.	Dairy Service Centre (DSC)	Support for Crossbreed Cows and Buffaloes, Artificial Insemination, Pregnancy Diagnosis, Vaccination, Fodder Development, Exposure & Training, Support for Calf Feed	314	NA	314
5.	Community Development & Social Welfare (CDSW)	Open Gym, Drinking Water Facility, Infrastructure Development for community use, RO Unit for Drinking Water	3,346	NA	3,346
6.	Aarogyam	Mobile Clinic, Eye Camps, Cataract Surgery, Spectacle Distribution, Health Awareness Camp, Pathology & Diagnostic Service, Skin Camp, Nutritional Food Kit for TB Patients	31,972	4,766	36,738
7.	Gyanam	Digital Classroom, Infrastructure Development, STEM Mini Science Lab, Sports Kit, Teacher Appointment, Drinking Water Facilities, Career Guidance Seminars	6,570	NA	6,570
Total			42,541	9,401	51,942

AWARDS & RECOGNITION

Ishanya Foundation Honoured with BCC&I Award for Social Impact

Ishanya Foundation was recognised for its outstanding contribution to poverty alleviation at the 3rd edition of the Social Leadership Conclave and Awards 2024, organised by the National CSR Committee of the Bengal Chamber of Commerce & Industry (BCC&I) on 6th December 2024.

The Foundation received the award under the category of Poverty Alleviation for its impactful work in the Wadi Project (rural development initiative) and the Livelihood Enhancement through Skill Development Programme across both urban and rural communities.

The award was presented by renowned cricketer Mr. Yusuf Pathan and accepted on behalf of Ishanya Foundation by Mr. Suman Singh, Corporate Affairs, DFPCL. This recognition reaffirms the Foundation's unwavering commitment to creating sustainable and inclusive growth opportunities for marginalised populations.



URBAN INITIATIVES

- Vocational Skill Development Project (VSDP) (Urban & Rural)
- Livelihood Enhancement through Entrepreneurship Development (LEED)

- 1) Income Generation Programme (IGP)
- 2) Muskaan
- 3) Yellow Ribbon NGO & Artisan's Fair (YRNF)
- 4) Entrepreneurship Development (Urban & Rural)



URBAN INITIATIVES

Vocational Skill Development Project (VSDP) - Urban & Rural

The Vocational Skill Development Project (VSDP) is a key initiative aimed at equipping individuals from underserved urban and rural communities with job-ready skills that enhance employability and support long-term economic empowerment. By offering practical training across a range of vocations, the programme bridges the gap between aspiration and opportunity, fostering financial independence and social inclusion.



AC & Refrigeration Mechanic Course in progress



Graphic Designing and Animation Course



Professional Beautician Course at IsFon



Electric Mechanic Course in Progress

IsFon delivers a wide spectrum of job-oriented vocational courses tailored to the needs of underprivileged women, youth, and school dropouts from marginalised backgrounds. Beyond technical training, the programme places a strong emphasis on soft skills development - a critical component for workplace readiness and personal growth.

Each course includes structured modules on:

- Spoken English
- Financial Literacy
- Yoga & Mental Well-being
- Personality Development
- Health & Hygiene
- Environmental Awareness

To ensure quality learning, subject matter experts and professional trainers conduct interactive sessions, building both competence and confidence among the participants. A total of 760 individuals successfully completed training during the year under the Vocational Skill Development Project.

VSDP (URBAN)

Vocational Skill Development Project (VSDP)

Skill Based Vocational Training Programme	Aspirants Covered	Employed / Self-employed
Printed Circuit Board (PCB) course in collaboration with Youth 4 Development (Y4D) Foundation	125	125
Assistant Assembly Operator Course in collaboration with Youth 4 Development (Y4D) Foundation	125	120
Printed Circuit Board (PCB) course in collaboration with USDC	150	141
Finance and Accounting Course with Global Talent Track	67	48
Customer Relations & Certificate Course in Information Technology with Typing & Spoken English by IsFon	37	28
Customer Relations & Information Technology with Typing and Spoken English with St. Mira's College of Girls by IsFon	16	11
Professional Beautician Course & Art of Mehendi with Spoken English by IsFon	49	43
Electric Mechanic Course in collaboration with USDC	40	38
AC & Refrigeration Mechanic Course in collaboration with USDC	40	38
Home Chef Course with Idea Foundation	20	20 (Self Employment)
Advanced Make Up Artist Course	13	13 (Self Employment)
Advanced Beautician Course with Lakme Academy	9	6
Graphic Design & Animation Course with MAAC Academy	5	3
Professional Certificate Programme in Banking & Finance with Banking Edge	24	6
Service Based Vocational Training Programme		
Agri Business Management Course (PG) with SIILC	27	8 (18 students still pursuing the course)
M.Sc. Nursing with Symbiosis College of Nursing	13	5 (13 students undergoing their course)
TOTAL	760	653

Total Trained:
760 Aspirants

Total Employed:
620 Aspirants

Self Employed:
33 Aspirants

Salary Range:
₹10,000/- to
₹56,000/- per month

Glimpses of Growing Employability



Aspirants performing at Mahila Melawa organised at IsFon



Aspirants who completed the Automotive Assembly Operator Course



Aspirants of Vocational Skill Training Programme



Group Activity being presented by aspirant undergoing soft skills training



Mentors seen with the audience at Mahila Melawa



Aspirants of Printed Circuit Board Course undergoing practicals

SUCCESS STORIES

Vocational Skill Development Project (VSDP)



Mr. Rushikesh Gadekar

Support: Finance and Accounting Course

Placement: Innospree Solution Pvt. Ltd, Pune

Salary: ₹18,000 per month

Rushikesh's father is working in a private job and mother is a housewife. After having successfully completed the Finance & Accounting (F&A) course at IsFon and with our training and guidance for placement, Rushikesh is now employed as Customer Service Executive with Innospree Solution Pvt. Ltd. at Vishrantwadi, Pune. He earns a salary of ₹18,000 per month. His father is no more the sole earning member of the family. Due to new qualification of the course now Rushikesh is also able to financially support his family.

Mr. Krushankumar Manik Wadmare

Support: Electrician Mechanic Course

Placement: Golden Event Management, Pune

Salary: ₹18,000 per month

Krushankumar has faced many challenges early in life. After the death of his father, the responsibility of financially supporting his family fell on his shoulders. His mother is a homemaker, and his younger brother is still pursuing his studies.

Krushankumar successfully completed Electrician Mechanic course conducted by USDC in collaboration with IsFon. Due to upgrading his skill with the course he is now employed at Golden Event Management, Pune, earning a salary of ₹18,000 per month. He is now financially independent and able to support his family.



Mr. Ashok Jagannath Hanwate

Support: AC and Refrigeration Course

Placement: Samsung Service Center, Pune

Salary: ₹25,000 per month

Ashok is staying at Kothrud, Pune. He is married but was unemployed. On completion of AC & Refrigeration Course supported by IsFon, he is successfully employed as a Technician at Samsung Service Center in Pune earning a salary of ₹25,000/- per month. Due to a regular income he is now able to financially support his family and lead a more dignified life.

SUCCESS STORIES



Ujjwala Ramkrushna Meshram

Support : MSc. Nursing - Symbiosis College of Nursing

Placement: Government Medical College and Hospital, Solapur

Salary: ₹55,000 per month

Ujjwala's mother is a homemaker and father earned approx. ₹80,000 per annum. But now father is retired from his service. Hence due to financial challenges, pursuing higher education was a huge challenge. But it was made possible with the generous support of the scholarship for MSc. Nursing at Symbiosis College of Nursing, awarded by IsFon.

Now she is working at Government Medical College & Hospital, Solapur as a Nursing Officer with monthly salary of ₹55,000. Ujjwala and her family are very content that she could pursue higher studies without the burden of an education loan. She is now financially independent and able to help her family. Ujjwala is happy and thankful to Ishanya Foundation for her promising future.

Taslima Amir Shaikh

Support: Advanced Beautician Course with Lakme Academy

Placement: Amruta Skin Hair Makeup Studio, Pune

Salary: ₹21,000 per month

Taslima is a mother of two and is separated from her husband. She is staying with her mother who is a homemaker. Her younger brother is working in a private sector. Brother earns approx. ₹1,90,000 per year.

Coming from hardships of domestic violence and financial challenges, Taslima was keen to have a career for her children's well being. It was possible with the generous support of Ishanya Foundation Scholarship for Advanced Beautician Course at Lakme Academy. Taslima now works at Amruta Skin Hair Makeup Studio, Wadgaonsheri as a Skin Therapist earning a salary of ₹21,000 per month. Taslima and her family feel fortunate that she completed her Advanced Beautician course.

She is now financially independent and also able to support her family and is looking forward to a brighter future of her children. Taslima is happy and grateful for the sincere support by Ishanya Foundation and is optimistic about a better future.



VSDP (RURAL)

As part of its commitment to empowering rural communities, IsFon organises targeted skill enhancement programmes, including Tailoring and Optometry training courses. These initiatives are designed to equip individuals - especially women and youth - with practical, income-generating skills that lead to sustainable livelihoods.

By fostering employability and entrepreneurship, the programmes have enabled participants to achieve greater financial stability and social inclusion, contributing to the overall development and self-reliance of rural communities.

Job Oriented Courses	Training Institute	Beneficiaries
Sponsorship for B.Sc. Optometry	College of Laxmi Optometry	4
Support for fees of Job Oriented Course - Assistant Electrician	Youth 4 Development (Y4D) Foundation	19
Support for fees of Job Oriented Course Technician - Artificial Insemination	BAIF-MITTRA	44
Basic Tailoring Course	Ishanya Foundation	48
Support for fees of Job Oriented Course - Electrical Engineer	Sheth Shri Otarmal Sheshmal Parmar College of Diploma Engineering	01
TOTAL		116

Total Trained:
116 Aspirants

**Total Employed/
Self Employed:**
112 Aspirants

Salary:
₹12,000/- to ₹15,000/-
per month



Women from Rural Villages undergoing Tailoring Course



Rural Youth Pursuing Assistant Electrician Course

Livelihood Enhancement Through Entrepreneurship Development (LEED)

The LEED programme is a flagship initiative designed to promote economic self-reliance among financially disadvantaged women by creating sustainable entrepreneurship opportunities. It encompasses a range of initiatives that support skill development, income generation, and market access.

Key components of the LEED programme include:

- Income Generation Programme (IGP)
- Muskaan
- Yellow Ribbon NGO & Artisan's Fair (YRNF)
- Entrepreneurship Development (Urban & Rural)

Income Generation Programme (IGP)

Under the Income Generation Programme (IGP), skilled women are identified and provided with advanced training to upgrade their skills. This empowers them to craft high - quality, fabric-based handmade products such as envelopes, bags, thali covers, placemats, saree covers, and jewellery pouches - many of which serve as attractive gifting options for wedding and festivals.

The programme achieved total product sales value of ₹10,22,700 and enabled participating women to collectively earn ₹3,76,762 as additional income. A total of 8 groups of women and 3 NGOs benefitted, underlining the programme's role in fostering both economic inclusion and entrepreneurial confidence.



Unique gifting products stitched by marginalised women which is their secondary source of income

Income Generation Programme (IGP)



Income Generation Programme stall at Bhimthadi Jatra



Skill enhancement training programme being conducted for women from other NGOs

Muskaan

Muskaan is a purpose-driven initiative rooted in the principles of **Reuse, Recycle, and Revenue Generation**, with the dual objective of promoting environmental sustainability and empowering women from underprivileged backgrounds - fondly known as Muskaan Parees.

Through the thoughtful collection of pre-owned garments donated by well-wishers, Muskaan creates livelihood opportunities for these Parees, enabling them to earn a supplementary income by selling the pre-owned clothing in low-income neighborhoods and public spaces. This model not only fosters financial independence in the Parees but also offers quality clothing at highly affordable prices to underserved communities.

Unsold garments are responsibly handed over for recycling, ensuring that the project contributes to a circular economy and minimises waste by reusing garments, thus promoting sustainability.

₹2,65,380
Total Sales

2,320 Benefiting
Customers

15 Benefiting
Muskaan Parees



Distribution of pre-owned garments to the Muskaan Parees

Yellow Ribbon NGO & Artisan's Fair (YRNF)

- The Yellow Ribbon NGO & Artisan's Fair (YRNF), along with Kalavishkar Pradarshini supported by NABARD, was successfully held from 27th Sept to 1st Oct 2024 at Creaticity, Pune. **The theme of the Fair was Rediscover Resonate Revive.**
- This year, the fair welcomed participants from many states, including Maharashtra, Gujarat, Rajasthan, Madhya Pradesh, Himachal Pradesh, Hyderabad, Telangana, Tamil Nadu, Punjab, Jharkhand, Haryana, Delhi, West Bengal, Orissa, Lucknow, Assam, Manipur, Karnataka and Kerala. The diverse array of offerings included traditional and contemporary products such as handwoven and hand-embroidered textiles, organic produce, handcrafted home décor, footwear, wooden toys, and eco-friendly household items.
- A key highlight of this edition was the creation of 100 thoughtfully curated gift hampers, resulting in ₹2.5 lakhs worth of sales and benefiting 7 grassroots organisations. With 153 participating organisations, the event witnessed an impressive ₹1.01 crore in total sales and attracted 11,486 visitors over five days, reaffirming its role as a catalyst for inclusive economic empowerment and cultural celebration.

Key Highlights:

153

Participating
Organisations

11,486

Footfalls

₹1.01 cr.

Total Sales

₹2.5 lakhs

Gift Hampers
Sales



Inauguration of the Fair by Mrs. Rashmi Darad - CGM NABARD, Mr. Tarun Sinha - President TAN, DFPCL, Mrs Parul Mehta - Managing Trustee, Ishanya Foundation, Mr. Harsh Shah - Head Projects, DFPCL and Mr. Pramod Jagtap - Associate Director, Ishanya Foundation

Yellow Ribbon NGO & Artisan's Fair (YRNF)



Bandel Handloom Producers Company Ltd. winner of NABARD Kalavishkar Pradarshini Award



Mrs Rekha Jhunjhunwala and Mrs Parul Mehta visiting the stalls at YRNF



ONDC and Cyber Security Awareness for participating stall holders of YRNF



Mr. Sailesh Mehta, CMD, DFPCL awarding the Atulya Yoddha Puraskar to Dr. Girish Kulkarni from Snehalaya



One of the many stalls at YRNF

Entrepreneurship Development (Urban & Rural)

This initiative emphasises a model of social entrepreneurship where IsFon plays a vital role in uplifting underprivileged individuals by enabling them to become self-reliant business owners. The core of this approach lies in identifying individuals with potential and providing them with essential equipment and mentorship to start their own small scale businesses or enhance an existing one. By providing underprivileged individuals with necessary equipment, the initiative helps overcome one of the common barriers to starting a business or upgrading the existing business.

By fostering entrepreneurship, this initiative encourages innovation and self sufficiency, contributing to broader social and economic development.

Equipment Supported	Beneficiaries
PUNE	
Parlour Equipment Kit	11
Hair and Make-up Equipment Kit	3
Utensils Kit and Canteen Gas Stove	11
3 HP Fully Automatic Flour Mill	4
2 HP Masala Grinder Machine	1
JUKI Industrial Sewing Machine	5
HP Laser Jet Pro Multifunction Printer	5
Total Beneficiaries (Pune)	40
TALOJA	
Handcarts - 06, Steel Shop (Tapari) - 05, Harmonium - 01, Visi Cooler - 11, Beauty Parlour Shop Set - 03, Electric Sewing Machine - 02, Barber Shop Set - 03, Bhakari Making Machine - 07, Air Compressor - 02, Catering Set - 03, E-Sarthi Training - 02	45
DAHEJ	
Steel Shop (Tapari) - 01, Visi Cooler - 02	03
Total Beneficiaries (Taloja & Dahej)	48

Digital Marketing Workshop for Women

A focused Digital Marketing workshop was conducted for women entrepreneurs supported by Ishanya Foundation with the goal of enhancing their existing businesses and expanding their market reach. The workshop introduced participants to essential digital tools and platforms such as social media marketing, whatsapp business, facebook and instagram.

This initiative empowered women with the knowledge and confidence to leverage digital platforms for business growth, helping them become more competitive and self reliant in today's digital economy.

Entrepreneurship Development (Urban)



Support of Beauty Parlour Equipment to Leena Pardeshi



Digital Marketing Training Workshop for Entrepreneurs supported by IsFon



Support of Flour and Masala Grinding Machine to Chaya Shinde by Mr. Naresh Piniseti



Support of Juki Industrial Sewing Machine to Asma Shaikh



Support of Multipurpose Printer to five beneficiaries

Success Stories (Urban)



Yogita Arun Rokde

Support: Utensils Kit and Canteen Gas Stove

Placement: Self Employed

Monthly Earning: ₹20,000 to ₹22,000

Yogita a resilient single mother, has always harboured a passion for cooking. Determined to enhance her skills, she enrolled in the Home Chef Course offered by Ishanya Foundation. While she initially ran a small catering service to make ends meet, the course gave her the skills and confidence to dream bigger. With renewed ambition, she decided to expand her culinary venture by starting her own snack centre and mess. However, the lack of basic kitchen equipment was a significant hurdle. That's when Ishanya Foundation stepped in, recognising her potential and providing her with a need based utensil kit, gas stove and essential kitchen equipment. Today she proudly earns up to **₹22,000 per month** from the mess and catering service. She now leads a stable and fulfilling life and expresses deep gratitude to Ishanya Foundation for believing in her dreams and helping her turn them into reality.

Akanksha Abhijeet Kadam

Support: 3 HP Fully Automatic Flour Mill

Placement: Self Employed

Monthly Earning: ₹6,000 to ₹8,000

Living in an underprivileged community, Akanksha saw a unique opportunity - there was no flour mill in her area and residents had to travel far for their daily needs. Driven by the dream of becoming self reliant and serving her community, she envisioned starting her own flour mill.

With a clear goal but limited resources, she approached Ishanya Foundation for support. Recognising the potential of her idea and her entrepreneurial spirit, the Foundation extended its assistance by providing her with a 3 HP fully automatic flour mill.



Success Stories (Urban)



Nikita Parshuram Vitkar

Support: Parlour Equipment Kit

Placement: Self Employed

Monthly Earning: ₹25,000

Nikita had done the Professional Beautician Course conducted by Ishanya Foundation. After completing the training she began working as a beautician in a parlour earning a monthly salary of ₹5000.

It was always her dream to own a parlour. Finally she took the bold step of starting her own parlour (The Beauty Spot) and approached Ishanya Foundation for the support of need based parlour equipment. After reviewing her requirements, support was given for the entire Beautician Kit which included Parlour Chair, Head Steamer, and other items.

With this support, Nikita has not only launched her independent venture but also taken strong strides towards earning a sustainable and dignified livelihood. Her journey is a shining example of how access to skill development and timely support can empower women to become self reliant and successful entrepreneurs. Now she is earning approx. **₹25,000 per month** and has expressed her gratitude to IsFon for their invaluable support in realising her entrepreneurial ambitions.



INSPIRATION



EMPATHY



IDEATION



IMPLEMENTATION



PROTOTYPING



TESTING

Success Stories (Rural)



Kamalabai Shriram Pavashe

Village: Nitlas **Taluka:** Panvel **District:** Raigad

Support Type: Tapari

Monthly Earning: ₹9,000/-

Kamala and Shriram have a son (Kunal) and a daughter (Prerna), both of whom are enrolled in school. Kamala is the sole earning member of the family. Her husband is unemployed and does not provide any financial support. Previously, she operated from a temporary old wooden structure at the same location. It was challenging to conduct business during the rainy season and also to store and safeguard the stock from weather and pests.

After Ishanya Foundation's intervention, Kamala has created her own asset in the form of the Tapari which is worth ₹35,000/- With a brand new Tapari, more customers are attracted to her shop. She has now increased the number of commodities and is able to safely store more materials and operate even during the rainy season. Their daily income has surged by over 50%, from ₹200 to ₹300.

Sushma Kesav Sonawale

Village: Chindran **Taluka:** Panvel **District:** Raigad

Support Type: Handcart

Monthly Earning: ₹13,500/-

Sushma and Keshav have three school going sons - Ansh in 8th grade, Anush in 4th grade and Arush in 2nd grade. Earlier, Sushma ran a shop at Chindran Fata in rented premises, for which she incurred a monthly rent of ₹4,000. It was very challenging for her to pay the rent, fulfill the household needs and children's education expenses as well.

After Ishanya Foundation's intervention, Sushma saved on the monthly rent payment as well as she set up a kitchen on the handcart. Also, the handcart is movable, so she is able to move her business from one street to another based on demand and also do business at various events in the village. With these improved facilities, customers have also increased. Their daily income has surged by over 80%, from ₹250 to ₹450 plus she is saving ₹4000 per month in rent.



Employee & Individual Volunteer Engagement Activities

Throughout the year, employees and individual volunteers from Deepak Fertilisers And Petrochemicals Corporation Limited (DFPCL) and Mahadhan AgriTech Limited (MAL), along with their spouses, actively contributed to various community initiatives facilitated by IsFon.

These engagements provided them with meaningful opportunities to make a positive social impact while fostering a deeper sense of purpose and connection beyond their professional responsibilities.

Activities	Employees Engaged
Yellow Ribbon NGO & Artisan's Fair	63
Mentorship Programme under VSDP	05
Total	68



Spouses of DFPCL employees and volunteers seen with IsFon team members



Employee Engagement at Yellow Ribbon NGO & Artisan's Fair



Mrs. Nidhi Agarwal, spouse of a DFPCL employee, mentoring an aspirant at IsFon

RURAL INITIATIVES

- Agri Based Livelihood (ABL) Project
- Dairy Service Centre (DSC)
- Aarogyam (Urban and Rural)
- Gyanam
- Community Development & Social Welfare (CDSW)



RURAL INITIATIVES

Ishanya Foundation continues to drive holistic rural development through sustained interventions across Taloja (63 villages), Dahej (4 villages), and Srikakulam (3 villages). Among these, 8 tribal villages represent some of the most vulnerable and underserved communities, often lacking access to basic resources and infrastructure.

Our rural initiatives are thoughtfully designed to improve the economic and social well-being of these communities, with a special focus on areas where agriculture is the primary livelihood but is often constrained by poor soil, limited irrigation, and minimal market access. In addition to agricultural development, we support education, healthcare, sanitation, and access to clean drinking water, significantly enhancing the overall quality of life.

Agri Based Livelihood (ABL)

At the heart of our rural transformation efforts lies the Agri Based Livelihood Project, a flagship initiative aimed at turning degraded and eroded lands into productive orchards with vegetable cultivation. The project not only restores ecological balance but also provides a sustainable secondary income source for small and marginal farmers.

Key highlights of the ABL include:

- Careful selection and training of eligible farmers from marginalised communities.
- Establishment of 50 Kesar mango with high density plantation on 05 R land, complemented by vegetable cultivation to ensure year-round income.
- Technical inputs on plant nutrition and pest management.
- Regular capacity building in modern farming practices, commercial agriculture, and market linkage strategies to boost income generation.
- Providing water conveyance equipment to vegetable farmers and distributing crates to facilitate safe transport of produce, ensuring it reaches the market in good condition.

*This initiative not only helps farmers improve agricultural productivity but also provides support for water-harvesting equipment and supplies storage crates for safe transport of produce to the market. As a result farmers experience greater confidence, security and empowerment.



AGRI BASED LIVELIHOOD (ABL)

Plot Model	: 50 Mango/plot; Keshar Variety High Density Plantation (12 x 9 ft) on 5 R Area + WRD
Starting Year	: 2024
Project Area	: Tal. Panvel Dist. Raigad
Villages Covered	: 27 Villages and 04 Hamlets
Project Support	: 01 Yr.
Families Covered	: 175

Total no. of mango trees planted by High Density Plantation (HDP) method	1250 plants towards 25 participants *Mango plantation with 12 x 9 feet spacing
Survival Rate	95.52%
Families Covered	25 HDP + 47 WRD support + 03 Nursery + 98 crates + 2 Demo Plots = 175 total families covered
Total Income from mango sales	₹21,67,550/- (310 farmers)
Vegetable Cultivation by HDP mango participant	25 (seed purchased at their own cost) 18.02 acre of total vegetable cultivation income of ₹7.15 Lakh.
Water Resource Development (WRD), Conveyance & Effective Water Usage	47 WRD Equipments Support given for equipment like HDPE pipe, Electric Motor, Diesel Engine, Petrol Engine as per need of farmers. In FY 2024-25, a total of 78 participants are covered under WRD and cultivated vegetables on 100.07 acres and earned ₹37.58 lakh.
Capacity Building	- Organised 3 external exposure visits of Wadi & Nursery aspirants at Lachakhadi BAIF, Gujarat (Mango graft nursery), Pune-Talegaon (Vegetable Seedling Nursery) and Harsul-Nasik (HDP of mango). - Organised 1 exposure visit for volunteers at Kisan 2024 Exhibition Pune. - Organised 10 internal exposure visits towards established Wadi / Nursery for progressive farmers. - Conducted 3 Kisan Melava in the project area in which a total of 204 male & 23 female participants upgraded their knowledge. - Conducted 108 village meetings.
Nursery Developed	Vegetable Seedling Nursery - 05 participants (40,600 vegetable seedlings and income of ₹93,600/-) Mango Graft Nursery - 08 participants (11,211 grafts prepared in the current year, earning ₹1,30,310/- by sale of 4,570 grafts.
Development of model plots	Fruit Crop Trial Plot - 6 nos (Apple - 2, Avocado - 1, Cashew - 2, Papaya - 1) Vegetable Trial Plot - 13 nos. (Cherry Tomato - 2, Tomato - 5, Sweet Corn - 5, Butternut Squash - 1) Floriculture - 3 nos. for marigold Polyhouse - 3 nos. for mango graft nurseries Shed Net - 4 nos. for vegetable seedling nurseries

RURAL INITIATIVES

Success Stories



Kalpana & Eknath Bapu Patil

Village: Wavanje **Taluka:** Panvel **District:** Raigad

Support: 2HP Jalpari Electric Water Pump

Kalpana and Eknath have two sons, both are married and live separately from their parents. Eknath's livelihood depends solely on vegetable cultivation. Previously, he was growing vegetables on an area of only 20R and earned an annual income of approximately ₹40,000/- to ₹50,000/-. Under the ABL project, with our substantial support and 15% contribution by the beneficiaries, a 2HP Jalpari Electric Water Pump set was bought. With the pump set Eknath could expand their vegetable cultivation area as well as increase the variety of vegetables grown. They are now growing vegetables on a 56R area which is close to three times their previously cultivated land area! It has almost doubled their income to ₹90,940/- per year. Also, cultivation of multiple vegetable crops has minimised the risk of market rate fluctuations. Produce is conveniently sold at the local Panvel market.

Testimony: "With the help of a water pump set, we've significantly expanded our farming area and boosted our earnings"

Land: 1.5 Acres				
Vegetable Crop	Bottle Gourd	Brinjal	Sponge Gourd	Chili
Cultivation Area @ R	8	32	6	10
Total Yield (kg)	405	1,290	310	435
Income	₹ 7,290/-	₹ 45,150/-	₹ 12,400/-	₹ 26,100/-
Total income: ₹ 90,940/-				



RURAL INITIATIVES

Success Stories



Nagobai & Janardhan Rama Bhoir

Village: Kuttarpada **Taluka:** Panvel **District:** Raigad

Support: 2HP Monoblock Electric Water Pump

Nagobai and Janardhan have two sons, both are married and live separately from their parents. Janardhan's livelihood depends solely on vegetable cultivation. Previously, he was growing vegetables on an area of only 15R and earned an income of approximately ₹35,000/- to ₹40,000/-. After receiving support in the form of a 2HP Monoblock Electric Water Pump set under the Wadi project, the family expanded their vegetable cultivation area by over twice the size of the previous area. They are now growing vegetables on a 46R area, which fetches them an annual income of ₹80,880/-. By cultivating multiple vegetable crops, they are minimising the risk of market rate fluctuations and conveniently selling their produce at the nearby Panvel market.

Testimony: "Thanks to IsFon for the water pump set, we've been able to expand our cultivation area and increase our income"

Land: 1.5 Acres			
Vegetable Crop	Cucumber	Cow pea	Wal
Cultivation Area @ R	16	10	20
Total Yield (kg)	1,255	845	153
Income	₹50,200/-	₹16,900/-	₹13,780/-
Total income: ₹80,880/-			



RURAL INITIATIVES

Success Stories



Krishnabai & Harichandra Padu Shinare

Village: Mohadar **Taluka:** Panvel **District:** Raigad

Support: Establishment of Mango Orchard & Mango Graft Nursery

Krishnabai and Harichandra have two sons. The family relies on agriculture and allied activities for their livelihood. After the Wadi intervention, they started earning additional income from a mango graft nursery and mango fruit sale from their farm.

Testimony: "Ishanya Foundation provided us with training for mango grafting and nursery management. With these new skills, we started a mango graft nursery. The mango graft nursery has become our additional source of income."

Thank you, Ishanya Foundation, for providing us with the required skills and support."

Land: 2.5 Acres

Crop	No. of graft prepared/ Mango Fruit in Kg	Sales	Income
Mango Graft	4,500	4,382	₹2,02,300/-
Mango Fruit	170 Kg	170 Kg	₹17,000/-
Total income			₹2,19,300/-



Dhaval & Ganesh Padu Pokala

Village: Hedutne **Taluka:** Panvel **District:** Raigad

Support: Establishment of Mango Orchard & Vegetable Cultivation

Dhaval and Ganesh have two sons, Krushna and Baliram. Both are married and help their parents with farming. The family's livelihood depends on agriculture and temporary work at MIDC. Ganesh works at Taloja MIDC on a temporary basis. The land was previously wasteland. However, with the intervention of IsFon's Wadi project, they transitioned to mango and vegetable cultivation, significantly boosting their earnings. Now, with the successful cultivation and sale of mangoes and vegetables from their farm, their income has doubled compared to before.

Testimony: "With heartfelt appreciation, the family thanks IsFon and its dedicated team for their invaluable guidance and support"

Land: 1 Acre

Crop	Total Yield	Sales	Income
Mango Fruit	390 Kg	350 Kg	₹39,000/-
Sponge Gourd/Cucumber @25 R	1,750 kg	1,750 kg	₹28,800/-
Total income			₹67,800/-

DAIRY SERVICE CENTRE (DSC)

As part of its integrated rural development approach, Ishanya Foundation continues to implement the Dairy Service Centre Project across Panvel and Ambernath talukas in Raigad and Thane districts. This initiative focuses on empowering small, marginal, and landless rural households by equipping them with sustainable dairy farming skills and resources.

The project is designed to strengthen rural livelihoods by enhancing milk production, improving animal health and productivity, and establishing strong market linkages for dairy products. Beneficiaries - predominantly women - earn an average supplementary income of ₹12,000 to ₹15,000 per month through the sale of milk and cow dung, significantly contributing to their household income and local economic growth.

Key Support Provided:

- Distribution of high-yield cross-breed cows and buffalo to eligible women from farmer families.
- Establishment of fodder plots to ensure year-round availability of nutritious feed.
- Doorstep veterinary services, including vaccinations, artificial insemination, and pregnancy diagnosis for cows and buffaloes.
- Facilitation of market linkages for reliable sale of milk, ensuring a stable income stream for participating households.

The Dairy Service Centre Project not only enhances food security and income generation but also promotes women's empowerment, animal welfare, and rural self-reliance - making it a cornerstone of Ishanya Foundation's livelihood development efforts.

Description	Output
Total milk produced	4,52,030 Ltr.
Milk consumed at home	53,085 Ltr.
Milk consumed by calf	60,850 Ltr.
Milk sold in the market	3,38,095 Ltr.
Additional income using the sale of milk	₹1,67,74,635/-
Cow dung produced	89.30 MT
Artificial Insemination through Sex Sorted Semen	1,040
Pregnancy Diagnosis (PD) during the year	998 Confirmed Pregnancy - 402, Empty - 112, Repeat - 484
Calving during the year	Male 170, Female 159 Total - 329



Mrs. Sarita Sunil Durge-Chindran



DAIRY SERVICE CENTRE (DSC)

Success Stories



Manisha & Gotiram Maruti Rikame

Village: Chinchvali **Taluka:** Panvel **Dist:** Raigad

Land: 5 R | **Annual Income:** ₹72,800/-

Manisha and Gotiram have two daughters and a son. All three children are actively pursuing their education, Jagruti (20 years old, studying TYBA), Tanuja (18 years old, studying SYBA), and Omkar (16 years old, in 12th grade). The family's livelihood depends on agriculture and some electrical work as and when available, which makes it challenging to meet basic needs and provide for the children's education.

When Gotiram got to know about IsFon's Dairy project he decided to start a dairy business with our support and accordingly received financial aid to purchase a cow. Now, the couple earns a regular income from the dairy enterprise. In Gotiram's absence, his wife Manisha manages the dairy business. With the dairy income, the couple is able to afford their children's education and meet the medical expenses for the entire family.

Support Given	Asset Created	Total Milk Production	Sold Qty	Average Rate per Ltr.	Annual Income from Milk Sold
01 Cow (B-60), Medicine kit, Vaccination, Groundnut cake, Treatment support, Capacity building, Artificial insemination and more	1 Cow	2120 Lit.	1820 Lit.	₹40.00	₹72,800



Lata & Santosh Vitthal Popeta

Village: Shivkar **Taluka:** Panvel **Dist:** Raigad

Land: 20 R | **Annual Income:** ₹85,400/-

Lata and Santosh have two sons, Ajay (22 years old, working on daily wages) and Rutik (19 years old, helping the parents with farming). The family's livelihood depended solely on agriculture, which made it challenging to meet their daily needs.

Santosh started a dairy business with support from IsFon. Now the couple receives a regular income from the dairy enterprise making it their main source of income. With the new income they have purchased another buffalo without any more financial aid from IsFon.

Support Given	Asset Created	Total Milk Production	Sold Qty	Average Rate per Ltr.	Annual Income from Milk Sold
01 Buffalo (B-02) Medicine kit, Vaccination, Treatment support, Artificial insemination, Capacity building and more	2 Buffaloes	1640 Lit.	1220 Lit.	₹70.00	₹85,400.00

DAIRY SERVICE CENTRE (DSC)

Artificial Insemination

As part of our comprehensive approach to improving livestock productivity and enhancing farmer incomes, Ishanya Foundation actively promotes Artificial Insemination (AI) services across its rural outreach areas. The use of sex sorted semen enables selective breeding, helping farmers avoid unwanted breeds and focus on high-yielding livestock. This leads to improved milk production and increased profitability. During the year, 1,040 artificial inseminations were conducted, significantly contributing to the long-term goal of improving the quality and productivity of rural dairy herds.

To ensure successful outcomes, the AI programme is supported by doorstep veterinary services, including follow-up pregnancy diagnosis, of which 998 were carried out during the year. These timely interventions helped monitor the reproductive health of livestock and support farmers in their planning and care. As a result, the year witnessed 329 successful calvings, marking a tangible step forward in strengthening rural dairy-based livelihoods. This initiative not only boosts milk production and income generation but also fosters scientific, sustainable, and inclusive dairy farming practices in underserved communities.

1,040
Artificial Inseminations

998 **Pregnancy**
Diagnosis

329 **Calving**



AAROGYAM (URBAN & RURAL)

At Ishanya Foundation, we recognise that good health is the cornerstone of sustainable development. Through our Aarogyam initiative, we are committed to improving the health and well-being of underserved urban and rural communities by making quality healthcare more accessible, affordable, and inclusive.

Our multi-pronged approach includes preventive and curative interventions such as general medical camps, specialised health check-ups, mobile medical units, and cataract surgeries, which directly address gaps in healthcare access. We have also facilitated the establishment of pathology collection centres for early diagnosis and introduced water purification systems in communities to promote safe drinking water and reduce waterborne diseases. By focusing on both treatment and prevention, Aarogyam not only enhances individual health outcomes but also strengthens the overall resilience and productivity of the communities we serve.

TALOJA	
Mobile Clinic	• 28,211 patients provided doorstep health services in 42 villages through 2 Mobile Clinics.
Eye Check-up Camp	• 8 eye check-up camps • 1445 patients screened • 322 cataracts diagnosed • 203 cataract surgeries performed • 649 patients provided with spectacles • 18 Yag cap surgeries performed
Eye Check-up Camp (Schools)	• 3 eye check-up camps • 652 students screened • 12 students provided with spectacles
Dermatology (Skin) Camp	• 3 dermatology camps • 294 patients screened and provided free of cost medicines.
Nutritional Food Kit	• 200 TB patients for six months (Kit contains: wheat / bajara - 6 kg, dal - 3 kg, edible oil - 1 lit, protein powder - 220 gms.)
Health Awareness Programme on Cervical & Breast Cancer	• 107 women benefitted
Infrastructure Development Support to Anganwadi Tondre	• Safety grills fixed to the Anganwadi building
DAHEJ	
Eye Check-up Camp	• 2 eye check-up camps • 256 patients screened • 36 cataracts diagnosed • 149 patients provided with spectacles

AAROGYAM (URBAN & RURAL)



Skin camp organised through mobile clinic to ensure accessible medical services to all



Eye check-up camp organised to promote eye health and early detection



School screening camp organised to ensure healthy eyesight



Spectacle distribution to those in need

AAROGYAM (URBAN & RURAL)



Beneficiaries after successful cataract surgeries



Spectacles distributed to students to support better learning and eye health



Building healthier communities through mobile clinic health camp



Distribution of nutritional food kits to TB patients to support their recovery journey

AAROGYAM (URBAN & RURAL)

Balkrishna Joma Bhoir & Bhimabai Balkrishna Bhoir

Village: Turbhe **Taluka:** Panvel **District:** Raigad

Support Type: Free cataract surgery

Balkrishna and Bhimabai live separately from their children. Their livelihood depends on agriculture and any help they receive from their children. Due to low vision both the seniors faced difficulty while doing agricultural and daily household chores. They came to know about an eye camp and cataract surgery through an awareness campaign conducted by Ishanya Foundation. Following a preliminary examination at the camp in Wakalan village, they were referred to Laxmi Charitable Trust in Panvel for further detailed examination and treatment. Based on the examination, they underwent cataract surgery. The improved vision has brought back the ease to them in conducting their daily activities well.



Beneficiary	Date of Surgery	Eye	Hospital
Balkrishna Joma Bhoir	21 st Dec 2024 08 th Jan 2025	Both Eyes	Laxmi Charitable Trust, Panvel
Bhimabai Balkrishna Bhoir	17 th May 2024	Right Eye	Laxmi Charitable Trust, Panvel

Pathology Collection and Diagnostic Centre, Pune

Initial high diagnostic cost is usually a deterrent for the underprivileged to investigate their symptoms further. This becomes a hurdle for getting the right treatment. Our pathology collection centres provide highly subsidised diagnostic services enabling early detection and treatment of diseases. The pathology collection centre at our Pune office in collaboration with N.M. Diagnostics Pvt. Ltd. has been in operation for over 8 years now. The diagnostic investigations like CT scan, MRI, X-Ray, ECG, and Sonography, along with Pathological investigations have been appreciated by all patients coming to the centre.

Pathology Investigations: 3,027 patients

Radiology Investigations: 1,164 patients

CT Scan & MRI: 568 patients

Chronic Disease Support: 7 patients

Total Patients covered: 4,766

Last year we launched a similar collection centre in collaboration with NDC Pathology Diagnostic Pvt. Ltd. at Devichapada, Taloja and 709 patients benefitted.



At Ishanya Foundation, we believe that education is a powerful catalyst for personal growth, self-reliance, and long-term community development. Much like healthcare, access to quality education plays a vital role in shaping an individual's intellectual, social, and economic potential. Through our Gyanam initiative, we aim to create inclusive and supportive learning environments that inspire curiosity, confidence, and capability.

Our efforts are focused on enhancing educational infrastructure, upgrading learning tools, and supporting schools in and around Talaja, Dahej, and Srikakulam. From providing smart classroom equipment and furniture to improving sanitation facilities and distributing educational materials, our interventions are designed to make education more engaging and accessible. By investing in better school environments and resources, Gyanam helps nurture the next generation of confident, capable, and responsible citizens.

Activity	Quantity	Description
TALOJA		
Digital Classroom	27 Sets	1,526 students benefited at 10 Raigad Zilla Parishad (RZP) schools (RZP Schools from villages Dundare Pada, Nitlas, Pale Kh, Khairwadi, Roadpali, Walvali, Tembhode, Gadeswar, Morbe, Ghot).
Renewal Digital Classroom	14 Sets	1,108 students benefited at 3 RZP schools (RZP Schools from villages Tondre Devichapada and Dongryachapada)
STEM Mini Science lab	1 Set	547 students from RZP Tondre School are advancing their knowledge through experiential learning.
Water purifier, water storage facility for safe drinking water	4 Sets	Each set has equipment to play 14 different sports 311 students, teaching and non-teaching staff of Raigad ZP schools in Dundre, Chinchavali W, Gadeshwar, and Tembhode benefitted
Sports Kit	9 Sets	1106 students benefited of RZP schools from villages Shivansai, Usarali, Wakadi, Chinchavali W, Morbe, Mahalungi, Dundre, Dundrepada and high school, Nere
250 LPH RO unit for drinking water facility	1 No.	758 students of Shri Bhairavnath Madhyamic Vidyalaya, Ritghar benefited
Career Guidance for 10 th and 12 th Students	14 Sessions	1,202 students benefited 1,302 Career Guidance Books distributed
Renovation and repair of Multipurpose Hall	1 No.	1,309 students of Shri Chatrapati Shivaji Vidhyalaya, Wavanje utilise this facility
Construction of new Multipurpose Hall at 1 st Floor of School Building	1 No.	156 students of RZP School from Walvali village utilise this facility
Construction of new School Building (2 classroom & 1 Office)	1 No.	103 students of RZP School from Valap village utilise this facility.
Support of Benches	200 Nos.	400 students using these benches. (RZP Schools from Tondre and Nitlas)
DAHEJ		
Digital Classroom	9 Sets	300 students benefited (Primary schools from Suva & Koliyad)
Appointment of Teacher	1 No.	45 students benefited from Primary school Koliyad.
Cupboard for Books and Document storage	4 Units	336 students benefited (Primary schools from Suva & Koliyad)
Mid-Day Meal Flooring	1 No.	80 students utilising this facility at Primary school Koliyad.
SRIKAKULAM		
Appointment of Teacher	3 Nos.	115 students benefited from Govt. primary school, Ponnada (02) & Muddadapeta (1).

GYANAM



Benches provided to Tondre school to create a better learning environment for young minds



Flooring done at Koliyad primary school's mid-day meal area to improve facility and provide a better experience for students



Safe drinking water facility being provided for school children to ensure their good health and well-being



STEM mini science lab being provided to inspire young minds and foster creativity



Sports kit being provided to RZP school to promote physical fitness among students

Community Development & Social Welfare (CDSW)

At Ishanya Foundation, we believe that strong communities form the foundation of sustainable development. Our Community Development and Social Welfare (CDSW) initiatives are designed to foster inclusive growth, strengthen social cohesion, and improve the overall quality of life for individuals and families in underserved areas.

Through a wide range of interventions, CDSW acts as a catalyst for positive change - empowering communities to collaboratively address economic, social, and environmental challenges. From infrastructure improvement and civic engagement to awareness drives and support services, our initiatives aim to uplift vulnerable populations, build resilience, and promote collective well-being. By nurturing a sense of ownership and participation, we help communities move towards a more equitable and self-sustaining future.

TALOJA	
Open Gym	Installed open gym equipment at Pale Bk & Kuttarpada (Shirvali) Village
Community RO unit with water ATM for drinking water, 1000 LPH	Installed RO unit at Kolwadi village
DAHEJ	
Drinking Water tank with stand post	Installed 2,000 ltr drinking water tank with stand post at Suva Village
Pipe Culvert	A pipe culvert is constructed at Rahiyad Village to ensure proper discharge of drainage water
Safety Grill	To enhance safety, a grill is installed around the village pond in Rahiyad Village



Installed community RO unit with water ATM in Kolwadi village to provide access to safe drinking water for all



An open gym installed to promote fitness and well-being for all



Installation of 1,000 LPH RO unit to provide safe drinking water to the community

ISFON AT WORK: SNAPSHOTS & GLIMPSES



Students on completion of Automotive Operator course, proudly pose outside Carraro India after securing employment, stepping into a new chapter of their careers



Students of Lakme Academy proudly pose as they undergo advanced training in beautician course, stepping confidently into the world of professional grooming



Students proudly display their certificates after successfully completing the AC & Refrigeration Mechanic course in collaboration with USDC, marking a milestone in their skill development journey



Students actively engage in hands-on learning during the Assistant Assembly Operator course, building technical skills for future career



Aspirants showcase their talent through a vibrant skit performance at the Mahila Melava organised at the Ishanya Foundation Pune office



Girl students participate in the printed Circuit Board course conducted in collaboration with USDC, gaining hands-on skills for a brighter tomorrow

ISFON AT WORK: SNAPSHOTS & GLIMPSES



Eye check-up camp in progress, ensuring access to essential eye care services for all



Farmers gain practical insights during a field exposure visit, fostering knowledge exchange and improved agricultural practices



Distribution of HDPE pipes and water conveyance equipment to farmers to enhance irrigation efficiency and water conservation



Students of 10th and 12th std. engage in a focussed career guidance session to chart their paths ahead



Nutritional food kit distributed to TB patients in the presence of the District Collector, reinforcing the commitment to health and community well-being



Students explore the STEM Mini Science Lab, sparking imagination and love for scientific discovery

रायगड नवराष्ट्र प्लस

P-4

मुंबई, बुधवार, ३१ ऑक्टोबर २०२४

जि. प. शाळेत आधुनिक शिक्षण प्रणाली दीपक फर्टिलायझर्सकडून वर्गखोल्यावे डिजिटल क्लासरूममध्ये रूपांतर

पुणे, (रा.) - शासक शाळातील शिक्षणाला चालना देण्यासाठी दीपक फर्टिलायझर्स आणि वेदुकेमिशनसह जोडलेल्या जिनिटल क्लासरूमच्या माध्यमातून शाळा, अशांत इतर शाळांमध्ये आधुनिक शिक्षण प्रणाली २४ शाळांमध्ये लागू करण्यात येईल. या योजनेच्या अंतर्गत डिजिटल क्लासरूममध्ये क्लासरूम वेलो आहे. डिजिटल क्लासरूममध्ये शिक्षण प्रणाली लागू होईल आणि लक्ष्यित शाळा आणि शाळांमध्ये अशांत शाळांमध्ये आधुनिक शिक्षण प्रणाली लागू होईल. या योजनेच्या अंतर्गत डिजिटल क्लासरूममध्ये क्लासरूम वेलो आहे. डिजिटल क्लासरूममध्ये क्लासरूम वेलो आहे.

पुणे, (रा.) - शासक शाळातील शिक्षणाला चालना देण्यासाठी दीपक फर्टिलायझर्स आणि वेदुकेमिशनसह जोडलेल्या जिनिटल क्लासरूमच्या माध्यमातून शाळा, अशांत इतर शाळांमध्ये आधुनिक शिक्षण प्रणाली २४ शाळांमध्ये लागू करण्यात येईल. या योजनेच्या अंतर्गत डिजिटल क्लासरूममध्ये क्लासरूम वेलो आहे. डिजिटल क्लासरूममध्ये क्लासरूम वेलो आहे.

लोकमत

ईशान्य फाउंडेशनमार्फत रायगड जिल्ह्यातील २४ शाळा डिजिटल

ईशान्य फाउंडेशनमार्फत रायगड जिल्ह्यातील २४ शाळा डिजिटल

ईशान्य फाउंडेशनमार्फत रायगड जिल्ह्यातील २४ शाळा डिजिटल

ईशान्य फाउंडेशनतर्फे यलो रिबन एनजीओ फेअर ईशान्य फाउंडेशनतर्फे शुक्रवारपासून (२७ सप्टेंबर) क्रिएटिसिटी, एक्सपो हब, तळमजला, येरवडा येथे यलो रिबन एनजीओ फेअरच्या १७ व्या पर्वाचे आयोजन करण्यात आले आहे. १ ऑक्टोबरपर्यंत दररोज सकाळी अकरा ते रात्री नऊ या वेळात खुले असलेल्या या महोत्सवामध्ये देशभरातील स्वयंसेवी संस्था, बचत गट आणि सामाजिक उपक्रमांमधील विणकर, कारागीर आणि शेतकरी सहभागी होणार आहेत. तीन हजारांहून अधिक उत्पादने प्रदर्शित करणाराय येणार आहे.

रायगड पनवेल

तळोजा ग्रामीण भागातील महिलांची आत्मनिर्भरतेकडे वाटचाल

तळोजा ग्रामीण भागातील महिलांची आत्मनिर्भरतेकडे वाटचाल

OUR COLLABORATIONS

URBAN

- NABARD
- Symbiosis College of Nursing
- St. Mira's College for Girls
- Youth 4 Development Foundation
- Idea Foundation
- Unique Skills Development Centre
- Lakme Academy
- MAAC Academy
- SIMACES International Interdisciplinary Learning Centre (SIILC)
- Maya Charitable Trust
- Sahyadri Hospital
- India Sponsorship Committee
- Quick Heal Foundation
- Teachsmart Global Learning Solutions Pvt Limited -TGLSPL (Bank Edge Academy)
- Baithak Foundation

RURAL

- Dept. of Animal Husbandry, Panvel
- R. Jhunjhunwala Sankara Eye Hospital, New Panvel
- Laxmi Charitable Trust, Panvel
- Laxmi College of Optometry, Panvel
- Youth 4 Development Foundation
- State Health department of Maharashtra and Gujarat
- Primary and Secondary School (Rahiyad, Suva and Koliyad, Dahej, Gujarat)
- Schools in Ponnada Village, Srikakulam, AP

Gratitude to Our Supporters

As Ishanya Foundation proudly marks 19 years of impact, we pause to reflect on the journey - one shaped by purpose, perseverance, and partnership. Along the way, we've faced challenges, celebrated milestones, and witnessed the transformative power of collective effort. Every achievement, big or small, has been made possible by the unwavering support and belief of those who have walked alongside us.

To our generous donors, well-wishers, partner organisations, collaborators, brand ambassadors, and corporate affiliates - thank you. Your trust and encouragement continue to inspire and energise our mission. With your continued support, we are more determined than ever to deepen our impact and drive inclusive socio-economic change in the communities we serve. The road ahead is promising, and together, we will keep moving forward with renewed purpose and resolve.

ISHANYA FOUNDATION TEAM



Mrs. Parul S. Mehta - Founder Trustee (Top photograph - centre) seen along with the IsFon Urban and Rural Team

JOIN US IN CREATING LASTING CHANGE

At Ishanya Foundation, we are committed to empowering individuals and communities through skill development, healthcare, and education - enabling them to become self-reliant and thrive with dignity. Our approach focuses on building scalable and sustainable development models that address the multifaceted challenges faced across the country.

We invite you to be a part of this meaningful journey. Your support can make a tangible difference in the lives of many. Here are some of the ways you can contribute:

- **Sponsor a cow** (includes nutrition kit, insurance, and veterinary care) to support a woman from a landless or marginalised farming family. (Total contribution: ₹40,000/- Partial donations welcome)
- **Empower a woman farmer** by helping her cultivate High Density Plantation of a mango orchard on 5R land with 50 Kesar mango trees, irrigation setup, and vegetable farming. (Total contribution: ₹35,000/- Partial donations welcome)
- Sponsor a **gift of sight** by supporting a cataract surgery. (Cost per surgery: ₹4,500/-)
- **Donate pre-used items** such as garments, bags, utensils, crockery, and home accessories for resale and reuse.
- **Support health initiatives**, including free medical camps, treatments, and surgeries.
- **Fuel entrepreneurship** by contributing to training and capacity-building programmes.
- **Volunteer your time and talent** as a teacher, mentor, or guide in our various programmes.

Together, let's build stronger, healthier, and more self-sustaining communities. Your support matters - now more than ever.

For further information, please contact:

Mr. Pramod Jagtap (94239 28923) | Ms. Bindu Nair (99600 33433)

Email: ishanyafoundation@ishanyafoundation.org

Website: www.ishanyafoundation.org

Follow us on  [Ishanyafoundation](#) |  [Ishanyafoundation](#)

TOGETHER,
WE EMPOWER.
TOGETHER,
WE UPLIFT.

