



DFPCL-K1/EHS/Env/2024-25/24

Date :25.11.2024

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

Reference:

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

Sub: Half yearly Environmental Clearance Compliance report.

Dear Sir,

Please find enclosed the half yearly EC compliance report of **Gas Based Power Plant** for the period of **April – 2024 to September – 2024**.

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)	Gas Based Power Project
2	Name of the project	Gas based power project (2 X 5.2 MW and 1 X 7.5 MW) at their manufacturing facility at MIDC, Taloja, Maharashtra by Deepak Fertilisers & Petrochemicals Corporation Limited
3	Clearance letter (s) /OM No. and Date	EC granted for Gas Based Power Project vide file no. (SEAC-2010/CR.656/TC.2 dt 11.05.2011).
4	Location	
	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, 9920942161
	b. Address of Executive Project: Engineer/Manager (with pin code/ Fax numbers)	Same as above
6	Salient features	
	a. of the project	Gas Based Power Project for power generation for internal use.
	b. of the environmental management plans	Gas Turbine inbuilt technology for NOx reduction. Periodic Environmental Monitoring for Ambient Air, Noise & Ground water.
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	Breakup 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	79 Crores
b.	Allocation made for environmental management plans with item wise and year wise Break-up.	Enclosed.
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	Annxure-10 is attached
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 2011
b.	Date of completion (Actual and/or planned)	Year 2012
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

Environment Clearance for Gas Based Power Project (SEAC-2010/CR.656/TC.2 dated 11.05.2011) - Government of Maharashtra, Environment Department, Room No 217, 2nd Floor, Mantralaya Annex, Mumbai - 400 032.		
EC COMPLIANCE REPORT		
SN	Specific Conditions	Status of compliance
i)	Project proponent should confirm that, there is no increase in waste water & air pollutants discharged into environment due to proposed expansion.	Complied.
ii)	This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. Issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SLIAA) approved the proposed land use.	Noted.
iii)	'Consent for Establishment' shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment Department before start of any construction work at the site.	Complied. We hold valid consent to operate till 31.03.2026. (Please refer Annexure-I for copy of consent to Operate)
iv)	No land development or construction work preliminary or otherwise related to the project shall be taken up without obtaining due clearance from respective authorities	Complied.
v)	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	Noted.
vi)	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Complied. The area in and around GT is paved and cement concrete roads are provided hence no dust is generated. Three continuous monitoring AAQM stations are installed and these are connected to MPCB portal.
vii)	Regular monitoring of the air quality, including SPM & SO ₂ levels both in work zone and ambient air shall be carried out in and around the power plant and record shall be maintained. The location of the monitoring stations & frequency of monitoring shall be decided in consultation with MPCB & submit report accordingly to MPCB.	Complied. Three continuous monitoring AAQM stations are installed and these are connected to MPCB portal. These station monitors various parameters like PM ₁₀ & PM _{2.5} , SO ₂ , NO ₂ & NH ₃ and CO. Ambient Air Monitoring & Work environment monitoring is done in the work zone through third party approved by MOEF. (Please refer Annexure-II for Ambient Air Monitoring And Annexure-III for workplace monitoring)

viii)	A detailed scheme for rain water harvesting shall be prepared and implemented to recharge ground water.	Complied. System for rain water harvesting is provided at existing WNA 3 and 4 plant. Annexure - NA
ix)	Arrangement shall be made that effluent and storm water do not get mixed.	Complied. Effluent and storm water are having separate drains.
x)	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the MPCB.	Complied. Periodic ground water monitoring is being carried out near ETP. Reports are submitted to MPCB. (Please refer Annexure-IV for ground water monitoring report)
xi)	Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite PPE like earplugs, etc. Shall be provided.	Complied. Periodic noise monitoring by third party (MoEF Approved) laboratory is carried out at different locations and noise level is within the prescribed standards. PPE like earplugs, etc. are provided for people working in the high noise area. Please refer Annexure-V for Noise Monitoring report)
xii)	Proper House keeping programmes shall be implemented.	Complied. SS program has been implemented to maintain proper House keeping.
xiii)	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all the sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the EPA, 1986 & Rules, 1989.	Complied. Periodic noise monitoring is done by MOEF approved 3rd party laboratory at eight different locations and noise level is within the prescribed standards under EP Act, 1986, Rules, 1989. Please refer Annexure-V for Noise Monitoring report)
xiv)	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species & in consultation with the local DFO / Agriculture Dept.	Complied. Green belt shall be developed & maintained around the plant periphery. Please refer Annexure-VI for Green Belt)
xv)	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection & warning.	Complied. Leak detection devices such as gas detectors are provided at strategic places for early detection and warning. In built safety measures such as interlocks and trips are provided for critical process parameters.
xvi)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Complied. Medical examination of all the workers is done in once in six months as per the factories act and records are maintained.
xvii)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied. Fire detection, fire protection and fire fighting arrangements have been provided in manufacturing process and in material handling areas. Company has a dedicated fire team with two fire tenders and regular mock drills are conducted.

xviii)	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management & Handling) Rules, 2003 (amended). Authorization from MPCB shall be obtained for collection/ treatment/storage/disposal of hazardous waste.	Complied. Authorization from MPCB are obtained for collection/ treatment/ storage/disposal of hazardous waste.
xix)	The company shall undertake following Waste Minimization Measures. a. Metering of quantities of active ingredients to minimize waste b. Reuse of by-products from the process as raw materials or as raw material substitutes in other process. c. Maximizing Recoveries. d. Use of automated material transfer system to minimize spillage. e. Use of "Closed Feed" system into batch reactors.	a) No active ingredient involved in GT b) There is no by product from GT c) Waste heat from GT is recovered to produce steam in HRSG. d) GT & HRSG operations are fully automated. e) As such there is no reactor in the GT however the feed system is closed one.
xx)	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ Improvements required, if any, in the on-site management plan shall be ensured.	Complied. Regular mock drills for the on-site emergency management plan are carried out. On site emergency plan is reviewed and revised periodically.
xxi)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. A separate Environmental Management Cell equipped with required facilities is set up.
xxii)	Transportation of ash will be through closed containers & all measures should be taken to prevent spilling of the ash.	Not applicable for GT as it is gas based.
xxiii)	Separate silos will be provided for collecting & storing bottom ash & fly ash.	Not applicable for GT as it is gas based.
xxiv)	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item wise break up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes & year-wise expenditure should be reported to the MPCB & this department.	Complied. Fund is utilized for implementation of environmental safeguard and details are reported to MPCB as part of Form V.
xxv)	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the MPCB and may also be seen at Website at http://envis.maharashtra.gov.in	Complied.
xxvi)	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department on 1 st June & 1 st December of each calendar year.	Complied.
xxvii)	A copy of clearance letter shall be sent by proponent to the concerned Municipal Corporation & the local NGO, if any, from whom suggestions / representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. EC conditions compliances is posted on the website of the company. Advertisement for availability of EC copy on MoEF website was published in local newspaper "Krushiwai" for any suggestions/representations.

xxvii)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website & shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB. The criteria pollutant levels namely SPM, RSPM, SO ₂ , NO ₂ (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the project shall be monitored & displayed at a convenient location near the main gate of the company in the public domain.	Complied. Six monthly compliance reports are being sent to MPCB and regional office of MOEF. Copy of the same posted on the company's web-site. Three continuous monitoring AAQM stations are installed and connected to MPCB portal. These station monitors various parameters like PM10 & PM 2.5, SO ₂ , NO _x , NH ₃ & CO. This data is displayed at main gate. Stack emissions are also monitored periodically through the MOEF approved third party laboratory.
xxix)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB.	Complied.
xxx)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions & shall also be sent to respective Regional Offices of MoEF by e-mail.	Complied.
xxxi)	The environmental clearance is being issued without prejudice to the court case pending in the court of law & it does not mean that project proponent has not violated any environmental laws in the past & whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	Noted.

Government of Maharashtra

No.: SEAC 2010/ CR.656 /TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai 400 032
Date: 11th May, 2011

To,
M/s. Deepak Fertilizers and Petrochemicals Corporation Ltd.
Plot K-J, MIDC, Industrial Area,
Taloja, A.V. 410208,
District: Raigad,
P.B. 26
Maharashtra

Subject: Gas-based power project (2X5.2MW and 1X 7.5MW) at their manufacturing facility at MIDC, Taloja by M/s. Deepak Fertilizers and Petrochemicals Corporation Ltd. - Environmental clearance regarding.

Sir,

This has reference to your communication dated 27th April, 2010 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 40th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 34th meeting held on 28th February, 2011.

2. It is noted that the proposal is for grant of Environmental Clearance for Gas-based power project (2X5.2MW and 1X 7.5MW) at their manufacturing facility at MIDC, Taloja by M/s. Deepak Fertilizers and Petrochemicals Corporation Ltd. SEAC considered the project under screening category 1 (d) as per EIA Notification 2006. Project proponent has submitted EIA Report.

Project information from documents submitted by you & considered by SEAC & SEIAA is summarized as below-

Name of the Project: Gas-based power project (2X5.2MW and 1X 7.5MW) at M/s. Deepak Fertilizers and Petrochemicals Corporation Ltd.

Project Proponent: M/s. Deepak Fertilizers and Petrochemicals Corporation Ltd.

Location of the project: Gas-based power project of 2X5.2MW at K7- K8 plot and 1X 7.5MW at K1 - K5 plot of MIDC, Taloja

Type of Project: Power project

Estimated cost of the project: ₹ 79 Crores

Capacity: 2X5.2MW and 1X 7.5MW



Type of Fuel	2X5.2MW Quantity	1X 7.5MW Quantity
Natural gas	41.739 Million SM3	8.4 Million SM3
Naphtha	-	2050 MT/day
Furnace oil (If NG not available)	75 KL/day	52.5 MT/day
Diesel	7.87 KL/day	2000 lit/day

Water requirement: Source: MIDC

For 2 X 5.2MW: 4150 CMD

For 1X 7.5MW: 17,481 CMD

Effluent generated: 3878.28 CMD

Capacity of ETP : 4000 CMD

Treated Effluent will be routed to CETP, Talaja for further treatment

Total Solid waste generation:

Non Hazardous waste:

- Canteen waste: 85 kg/day
- Paper waste: 20 kg/day
- Damaged bags: 150 nos./month
- Metal scrap: 50 MT/Annum
- ETP Sludge: 28 kg/day
- Clean empty caroys/container : 660 nos./year
- De- NOx catalyst : 10 MT/6yrs.
- Pt-RH Catalyst : 100 kg/year

Hazardous waste:

- Spent Catalyst : 48.34 MT/y
- Spent oil: 92.61 KL/Y
- Silica gel: 60 MT in 2 years.
- Oil soaked cotton waste: 3.5 MT/yr.
- Chemical containing residues from decontamination & disposal: 2 MT/yr.
- Lead acid batteries: 34 nos./yr.
- Ni Cd batteries : 400nos./once in 5 years.
- Dry cell batteries : 300nos./once in 5 years.
- Discarded drums /liners : 970 nos./yr.
- used oil filters : 25 nos./yr
- pt RH Catalyst : 100 kg/year.
- De-Nox catalyst: 10 MT/6 yrs.

Disposal :

- Talaja Hazardous waste management treatment facility.
- Disposal to registered party.

Project technical details :

	K1 - K5	K7- K8
Generation capacity	7.52 MW x 1 unit	5.2 MW x 2 units
Steam generation	11.5 TPH	9 TPH each
Natural gas consumption	0.048 MMScm per day	0.086 MMScm per day
DM water consumption	43 m3/hr	63 m3/hr
Flue gas temperature	100 ^o C	160 ^o C
Make	TURBOMACH Switzerland	TURBOMACH Switzerland
HRSG	Thermax	ME - Energy

P. Adhikari

Total investment	39 Cr	40 Cr
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Environmental consideration:

7.52 MW x 1 unit

	Liquid effluent	Gaseous emission	Other waste
Category	Blow down from water	Flue gas	Used oil
Quantity	3 m ³ /hr	95613 kg/hr Ar: 0.87% CO ₂ : 2.97% H ₂ O: 9.44 % N ₂ : 72.94% O ₂ : 13.77% NOx < 100 ppm Sox Nil	2 lit/day
Disposition	Recycled to cooling	Release through stack Ht 30 mt	Sale to register party

5.2 MW x 2 units

	Liquid effluent	Gaseous emission	Other waste
Category	Blow down from water	Flue gas	• Used oil
Quantity	6 m ³ /hr	18750 kg/hr Ar: 0.87% CO ₂ : 2.97% H ₂ O: 9.44 % N ₂ : 72.94% O ₂ : 13.77% NOx < 100 ppm Sox Nil	2 lit/day
Disposition	Recycled to cooling	Release through stack Ht 30 mt	Sale to register party

Emission from combustion of fossil fuels from stationary and mobile source:

- About 95613 Kg / hr of exhaust gases from 7.5 MW GT (K1-K5 plot) and 143750 Kg/hr from 2 no GT's 5.2 MW each (K7-K8 plot) shall vent to atmosphere which will contain about 2.5% (vol %) CO₂ and less than 100 ppm NOx.


Air pollution control measures:

- NOx analyzer in WNA stack - 4 nos.
- continuous ambient air monitoring instruments (SPM, NOx, Sox, NH₃) - 3 stations
- V- notch for measuring ETP treated effluent.
- Stacks for boilers & HRSG
- Bag house for SPM controller
- Gas turbine with inbuilt technology for NOx reduction
- Cyclone column scrubbers in AN solution plant.

Green Belt development: 5 hectares of land will be developed as green belt.

Noise pollution measures: all designed are equipped for 85 dB

Environmental Management Plan:



Sr. No.	Description	Capital Cost (₹)		Recurring Cost per annum(₹)	
		Plot K1-K5	Plot K7-K8	Plot K1-K5	Plot K7-K8
1	Air Pollution Control Measures	~ 16.2 Crore	~ 19.5 Crore	11 lac	16 lac
2	Noise Pollution Control Measures	~1.0 Crore	~1.5 Crore	1 Crore	1.5 Crore
4	Water Pollution Control measure	5.0 lac	8.0 lac	0.5 lac	1.0 lac

Other Measures :

Activity	Investment		Advantages
	Plot K1-K5	Plot K7-K8	
Green patch in the vicinity of proposed power plant (Garden etc.)	5 lac	8 lac	Improvement in ambience of the premises
Plantation (Inside & outside plant premises & in the vicinity villages)	15lac	10 lac	Air Pollution Control measure & Social cause
Environment awareness bordings	5 lac	5 lac	Awareness improvement programme.

3. The proposal has been considered by SEIAA in its 34th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions.

- (i) Project proponent should confirm that, there is no increase in waste water and air pollutants discharged into environment due to proposed expansion.
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should, ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (iii) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- (iv) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.



- (v) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (vi) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (vii) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (ix) Arrangement shall be made that effluent and storm water do not get mixed.
- (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xi) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xii) Proper House keeping programmes shall be implemented.
- (xiii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiv) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xvi) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvii) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xviii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xix) The company shall undertake following Waste Minimization Measures :
 - a. Metering of quantities of active ingredients to minimize waste
 - b. Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - c. Maximizing Recoveries.
 - d. Use of automated material transfer system to minimize spillage.
 - e. Use of "Closed Feed" system into batch reactors.
- (xx) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xxi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxii) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.



- (xxiii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiv) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxv) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>
- (xxvi) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxvii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxviii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxix) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxx) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- (xxxi) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
6. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the



adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
8. Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.



(Valsa R Nair Singh)
Secretary, Environment
Department & MS, SEIAA

Copy to:

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Churchgate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
3. The Secretary, Energy department, Govt. of Maharashtra, Mantralaya, Mumbai - 400032., Maharashtra
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Raigad.
7. Collector, Raigad.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO-Complex, Lodhi Road, New Delhi-110003.
9. Director(TC-1), Dy. Secretary(TC-2), Scientist-1, Environment department
10. Select file (TC-3).

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 Talaja 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 Talaja 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 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. 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	NATURA GAS 2221 Kg/Hr	-	NO _x	350 Mg/Nm ³
						PM	10 Mg/Nm ³

Stack No.	Source	APC System provided/proposed	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

Reference Number : EQNX-001-LAB-A-24-04-02938 A

Report Issue Date : 20-Apr-24

ULR-TC682024000020326F

INFORMATION PROVIDED BY CUSTOMER

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

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

Contact Person : Madan Popeta / Vilthai Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate

Date of Sampling : 08-Apr-24 To 09-Apr-24

Sample Description : Ambient Air Monitoring

Date of Receipt : 13-Apr-24

Temperature : 32.8°C

Date of Start of Analysis : 13-Apr-24

Relative Humidity : 50%

Date of End of Analysis : 18-Apr-24

Receptor Height : 3.0 m From Ground Level

Lateral Distance : 1.5 m

Discipline : Chemical**Group : Atmospheric Pollution****RESULTS OF ANALYSIS**

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	43.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	77.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-36-00	0.6	< 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	4.6	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 451	< 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-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 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

TC-6820



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

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- 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

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www.equinoxlab.com

DRAFT TEST REPORT

Report Issue Date : 20-Apr-24

Reference Number : EQNX-001-LAB-A-24-04-02939 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 / Vibhal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate	Date of Sampling : 08-Apr-24 To 09-Apr-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 13-Apr-24
Temperature : 32.8°C	Date of Start of Analysis : 13-Apr-24
Relative Humidity : 50%	Date of End of Analysis : 18-Apr-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	47.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	82.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 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 - 8	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 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-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

N/A : All the parameters are found within limits.

Assistant Manager - Air
(Authorised Signatory)



Technical Manager - Instrumentation
(Authorised Signatory)

Note :

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****END OF REPORT****

Your Testing and Auditing Partner

DRAFT TEST REPORT

Reference Number : EQNX-001-LAB-A-24-04-02941 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 Taloja, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta / Vithal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near WNA III Plant Area
 Sample Description : Ambient Air Monitoring
 Temperature : 32.8°C
 Relative Humidity : 59%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 06-Apr-24 To 09-Apr-24
 Date of Receipt : 13-Apr-24
 Date of Start of Analysis : 13-Apr-24
 Date of End of Analysis : 18-Apr-24
 Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	46.5	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	84.7	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 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-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	24.8	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 6	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

***NAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.

Assistant Manager - Air
(Authorised Signatory)



Technical Manager - Instrumentation
(Authorised Signatory)

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****END OF REPORT****

Your Testing and Auditing Partner

DRAFT TEST REPORT

Report Issue Date : 20-Apr-24

Reference Number : EQNX/001/LAB/A/24/04/02944 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 Taloja, Tal: Panvel, Dist: Raigad.
 Contact Person : Madan Popeta / Vilhal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Acid Tank	Date of Sampling : 08-Apr-24 To 09-Apr-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 13-Apr-24
Temperature : 32.8°C	Date of Start of Analysis : 13-Apr-24
Relative Humidity : 59%	Date of End of Analysis : 18-Apr-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	54.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	91.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.5	< 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 - 8	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	20	< 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-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

Remark : All the parameters are found within limits.

Assistant Manager - Air
(Authorised Signatory)



Technical Manager - Instrumentation
(Authorised Signatory)

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB-A-24.05-06586-A

Report Issue Date : 31-May-24

ULR - TC682024000033224F

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 / Vitthal Jadhev

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate	Date of Sampling : 21-May-24 to 22-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 24-May-24
Temperature : 31.8°C	Date of Start of Analysis : 24-May-24
Relative Humidity : 73%	Date of End of Analysis : 29-May-24
Receptor Height : 3.0m From Ground Level	Lateral Distance : 1.5 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	48.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	96.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.5	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<150	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 8	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 60	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 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-ENV-37-00	< 0.005	< 6	NAAQS
**	Nickel	ng/m ³	SOP-ENV-37-00	< 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

Note :

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****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

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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.24-05.06587.A

Report Issue Date : 31-May-24
ULR - TC682024000033225F

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 / Vilthai Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate	Date of Sampling : 21-May-24 to 22-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 24-May-24
Temperature : 31.8°C	Date of Start of Analysis : 24-May-24
Relative Humidity : 73%	Date of End of Analysis : 29-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

B. 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	54.9	< 50	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	89.6	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.5	< 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 - 5	<2.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	39.6	< 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-ENV-37-00	< 0.005	< 6	NAAQS
**	Nickel	ng/m ³	SOP-ENV-37-00	< 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 Tambre



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A-24-05-06588 A

Report Issue Date : 31-May-24

ULR - TC682024000033226F

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 / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near WNA III Plant Area	Date of Sampling : 21-May-24 to 22-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 24-May-24
Temperature : 31.8°C	Date of Start of Analysis : 24-May-24
Relative Humidity : 73%	Date of End of Analysis : 29-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	52.9	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	87.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.5	< 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	20.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 5.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	60.7	< 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-ENV-37-00	< 0.005	< 6	NAAQS
**	Nickel	ng/m ³	SOP-ENV-37-00	< 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 Tanibe



Note :

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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

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EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.05.06589 A

Report Issue Date : 31-May-24

ULR - TC682024060033227F

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 / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Acid Tank	Date of Sampling : 21-May-24 to 22-May-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 24-May-24
Temperature : 31.8°C	Date of Start of Analysis : 24-May-24
Relative Humidity : 73%	Date of End of Analysis : 29-May-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	44.1	< 80	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	84.7	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-35-00	0.7	< 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	6.2	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	31.2	< 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-ENV-37-00	< 0.005	< 6	NAAQS
**	Nickel	ng/m ³	SOP-ENV-37-00	< 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

Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNK001-LAB-A-240609167-A

Report Issue Date : 4-Jul-24

ULR# - TC682024000043710F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers & 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

Sampling Location : Near IPA Gate	Date of Sampling : 24-Jun-24 To 25-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 27-Jun-24
Temperature : 29.5 °C	Date of Start of Analysis : 27-Jun-24
Relative Humidity : 75%	Date of End of Analysis : 2-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr. No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µgm ³	CFR 40 – Appendix L	55.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µgm ³	IS 5182 : Part - 23	89.1	< 100	NAAQS
3	Carbon Monoxide	ngm ³	SOP-ENV-39-00	0.5	< 4	NAAQS
4	Ozone	µgm ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	µgm ³	IS - 5182 : Part - 6	8.4	< 80	NAAQS
6	Sulphur Dioxide	µgm ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µgm ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µgm ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	69.2	< 400	NAAQS
9	Benzene	µgm ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ngm ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ngm ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ngm ³	SOP-ENV-37-00	< 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

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END OF REPORT



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB.A/24.06.09165.A

Report Issue Date : 4-Jul-24

ULR - TC682024000043709F

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 Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate	Date of Sampling : 24-Jun-24 To 25-Jun-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 27-Jun-24
Temperature : 29.5 °C	Date of Start of Analysis : 27-Jun-24
Relative Humidity : 75%	Date of End of Analysis : 2-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	50.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	91.9	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 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	3.0	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-57-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	67.1	< 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-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 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 Machhare




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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAS-A;24.06.09169 A

Report Issue Date : 4-Jul-24

ULN - TC582024000043711F

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 WMA III Plant Area
 Sample Description : Ambient Air Monitoring
 Temperature : 29.5 °C
 Relative Humidity : 75%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 24-Jun-24 To 25-Jun-24
 Date of Receipt : 27-Jun-24
 Date of Start of Analysis : 27-Jun-24
 Date of End of Analysis : 2-Jul-24
 Lateral Distance : 1.5 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	46.6	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	79.6	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 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	12.8	< 60	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 60	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	56.3	<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-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A/24.06.09170 A

Report Issue Date : 4-Jul-24

ULR - TC082024000043712F

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

Date of Sampling : 24-Jun-24 To 25-Jun-24

Sample Description : Ambient Air Monitoring

Date of Receipt : 27-Jun-24

Temperature : 29.5 °C

Date of Start of Analysis : 27-Jun-24

Relative Humidity : 75%

Date of End of Analysis : 2-Jul-24

Receptor Height : 3.0 m From Ground Level

Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

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	76.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.4	< 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	41.5	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-37-00	< 0.5	< 1	NAAQS
8	Ammونيا	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	56.6	< 400	NAAQS
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 6	NAAQS
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ng/m ³	SOP-ENV-37-00	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-37-00	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards

mark : All the parameters are found within limits.



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




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



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Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

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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 : 9-Jul-24

Reference Number : EQNX-001-LABA-24-07-00654-A

ULR - TC582024000045401F

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 Methanol Gate	Date of Sampling : 01-Jul-24 to 02-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 3-Jul-24
Temperature : 29°C	Date of Start of Analysis : 3-Jul-24
Relative Humidity : 80%	Date of End of Analysis : 8-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	56.2	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	92.6	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-59-00	0.6	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	1.1	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	4.9	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-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-ENV-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-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. Anil Mandhare




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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX 001.LAB.A:24-07:00850 A

Report Issue Date : 8-Jul-24

ULR - TC662024000045483F

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 Location : Near WMA III Plant Area	Date of Sampling : 01-Jul-24 to 02-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 3-Jul-24
Temperature : 29°C	Date of Start of Analysis : 3-Jul-24
Relative Humidity : 80%	Date of End of Analysis : 8-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	43.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	85.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.7	< 4	NAAQS
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 411	2.0	<180	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	5.7	< 60	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition - Method No - 401	2.9	< 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-ENV-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 9-Jul-24

Reference Number : EQNX-021-LAS:A:24-07-00855 A

ULR - TC582024000045462F

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 IPA Gate	Date of Sampling : 01-Jul-24 to 02-Jul-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 3-Jul-24
Temperature : 29°C	Date of Start of Analysis : 3-Jul-24
Relative Humidity : 80%	Date of End of Analysis : 8-Jul-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 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	54.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	89.3	< 100	NAAQS
3	Carbon Monoxide	mgm ³	SOP-ENV-39-00	0.5	< 4	NAAQS
4	Ozone	ppm ³	Method of Air Sampling and Analysis, 3 rd Edition -- Method No - 411	<1.0	<180	NAAQS
5	Nitrogen Dioxide	ppm ³	IS - 5182 : Part - 6	9.3	< 80	NAAQS
6	Sulphur Dioxide	ppm ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µgm ³	SOP-ENV-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µgm ³	Method of Air Sampling and Analysis, 3 rd Edition -- Method No - 401	31.5	< 400	NAAQS
9	Benzene	ppm ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQS
10	Benzo Pyrene	ngm ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQS
11	Arsenic	ngm ³	SOP-ENV-27-02	< 0.005	< 6	NAAQS
12	Nickel	ngm ³	SOP-ENV-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 Tambe



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 9-Jul-24

ULR - TC682024000045464F

Reference Number : EQNX/001/LAB/A/24/07/00857 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 Taraja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Aard Tank

Date of Sampling : 01-Jul-24 to 02-Jul-24

Sample Description : Ambient Air Monitoring

Date of Receipt : 3-Jul-24

Temperature : 29°C

Date of Start of Analysis : 3-Jul-24

Relative Humidity : 80%

Date of End of Analysis : 8-Jul-24

Receptor Height : 3.0 m From Ground Level

Lateral Distance : 1.5 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

No	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	43.7	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	80.6	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.6	< 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	30.2	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-ENV-27-02	< 0.5	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	42.4	< 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-ENV-27-02	< 0.005	< 6	NAAQS
12	Nickel	ng/m ³	SOP-ENV-27-02	< 0.02	< 20	NAAQS

*NAAQS : National Ambient Air Quality Standards.

mark : All the parameters are found within limits.


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




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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB: A:24-08-D4805 A

Report Issue Date : 23-Aug-24
LUR - TC862024000058016F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/A 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 WAN III Plant Area	Date of Sampling : 15-Aug-24 to 16-Aug-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 18-Aug-24
Temperature : 28.3°C	Date of Start of Analysis : 18-Aug-24
Relative Humidity : 75%	Date of End of Analysis : 21-Aug-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical
Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	35.8	< 60	NAAQ5
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	67.9	< 100	NAAQ5
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-03	0.54	< 4	NAAQ5
4	Ozone	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 411	<1.0	<180	NAAQ5
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 6	<2.5	< 80	NAAQ5
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 6.0	< 60	NAAQ5
7	Lead	µg/m ³	SOP-CHM-27-02	< 0.5	< 1	NAAQ5
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	6.1	< 400	NAAQ5
9	Benzene	µg/m ³	IS - 5182 : Part 11	< 1.0	< 5	NAAQ5
10	Benzo Pyrene	ng/m ³	IS - 5182 : Part 12	< 0.1	< 1	NAAQ5
11	Arsenic	ng/m ³	SOP-CHM-27-02	< 0.005	< 6	NAAQ5
12	Nickel	ng/m ³	SOP-CHM-27-02	< 0.02	< 20	NAAQ5

*NAAQ5 : National Ambient Air Quality Standards.
Remarks : All the parameters are found within limits.


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




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB. A:24.08.02011.A

Report Issue Date : 17-Aug-24

ULR - TC68202400006422F

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	Date of Sampling : 09-Aug-24 to 10-Aug-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 10-Aug-24
Temperature : 27.8°C	Date of Start of Analysis : 10-Aug-24
Relative Humidity : 80%	Date of End of Analysis : 14-Aug-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	38.3	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	72.3	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-09-00	0.63	< 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 - 8	<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	29.7	< 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.

Remarks : All the parameters are found within limits.


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




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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB. A-24.08.03009.A

Report Issue Date : 17-Aug-24

ULR - TC882024000056419F

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. Pawai, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate Sample Description : Ambient Air Monitoring Temperature : 27.8°C Relative Humidity : 80% Receptor Height : 3.0 m From Ground Level	Date of Sampling : 09-Aug-24 to 10-Aug-24 Date of Receipt : 10-Aug-24 Date of Start of Analysis : 10-Aug-24 Date of End of Analysis : 14-Aug-24 Lateral Distance : 3.0 m
--	--

Discipline : Chemical

Group : Atmospheric Pollution

RESULTS OF ANALYSIS

Sr.	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-39-00	0.44	< 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	< 5.0	< 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	25.1	< 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

Rx : All the parameters are found within limits.


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




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNXC001/LAB/ A/24/08/00008 A

Report Issue Date : 17-Aug-24
ULR - TC882024D00056417F

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 - 5, MIDC Taraja, Tal. Parvel, Dist. Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Methanol Gate	Date of Sampling : 09-Aug-24 to 10-Aug-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 10-Aug-24
Temperature : 27.8°C	Date of Start of Analysis : 10-Aug-24
Relative Humidity : 80%	Date of End of Analysis : 14-Aug-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 1.5 m

Discipline : Chemical
Group : Atmospheric Pollution

RESULTS OF ANALYSIS

S. No.	Parameters	Units	Method	Result	Specified Limits*	Standards*
1	Particulate Matter < 2.5 µm	µg/m ³	CFR 40 – Appendix L	45.2	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	79.5	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.48	< 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	< 60	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 9.0	< 60	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	27.7	< 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
(Authorized Signatory)
Mr. Atul Mandhare




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

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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Sep-24
 ULR - TC682024000065220F

Reference Number : EQNX.001.LAB.A-24-DB-54036.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, MDC Taraja, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near Acid Tank
 Sample Description : Ambient Air Monitoring
 Temperature : 27.6 °C
 Relative Humidity : 83%
 Receptor Height : 3.0 m From Ground Level

Date of Sampling : 11-Sep-24 to 12-Sep-24
 Date of Receipt : 13-Sep-24
 Date of Start of Analysis : 14-Sep-24
 Date of End of Analysis : 18-Sep-24
 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	40.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	80.9	< 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	2.1	< 100	NAAQS
5	Nitrogen Dioxide	µg/m ³	IS - 5182 : Part - 5	9.9	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	< 0.0	< 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	13.5	< 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
 (Authorized Signatory)
 Mr. Abul Mandhare




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

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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX 001 LAB: A/24 05 04035 A

Report Issue Date : 20-Sep-24

ULR - TC682024000065219F

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 WNA III Plant Area	Date of Sampling : 11-Sep-24 to 12-Sep-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 13-Sep-24
Temperature : 27.8 °C	Date of Start of Analysis : 14-Sep-24
Relative Humidity : 85%	Date of End of Analysis : 18-Sep-24
Receptor Height : 3.0 m From Ground Level	Lateral Distance : 3.0 m

Diagnosis : 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	45.8	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 23	74.2	< 100	NAAQS
3	Carbon Monoxide	µg/m ³	SOP-ENV-39-05	0.61	< 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	< 60	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<6.0	< 60	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.6	< 1	NAAQS
8	Ammonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	15.5	< 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 Mandhara



TC-6820


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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB- A-24-09-04034 A

Report Issue Date : 25-Sep-24

ULR - TC682024000055218F

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. Pawal, Dist. Raigad.
 Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Location : Near IPA Gate	Date of Sampling : 11-Sep-24 to 12-Sep-24
Sample Description : Ambient Air Monitoring	Date of Receipt : 13-Sep-24
Temperature : 27.9 °C	Date of Start of Analysis : 14-Sep-24
Relative Humidity : 82%	Date of End of Analysis : 16-Sep-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	47.4	< 50	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 25	79.2	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-38-00	0.09	< 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	11.4	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	≈5.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-37-02	≈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-37-02	< 0.005	< 0	NAAQS
12	Nickel	ng/m ³	SOP-CHM-37-02	< 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 Tanbe

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.C011.LAB.A-24.09.04033.A

Report Issue Date : 20-Sep-24
ULR - TC682024000003217F

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 : 27.8 °C
Relative Humidity : 83%
Receptor Height : 3.0 m From Ground Level

Date of Sampling : 11-Sep-24 to 12-Sep-24
Date of Receipt : 13-Sep-24
Date of Start of Analysis : 14-Sep-24
Date of End of Analysis : 16-Sep-24
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	80.4	< 60	NAAQS
2	Particulate Matter < 10.0 µm	µg/m ³	IS 5182 : Part - 25	85.4	< 100	NAAQS
3	Carbon Monoxide	mg/m ³	SOP-ENV-39-00	0.56	< 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	9.1	< 80	NAAQS
6	Sulphur Dioxide	µg/m ³	IS - 5182 : Part - 2	<5.0	< 80	NAAQS
7	Lead	µg/m ³	SOP-CHM-27-02	<0.5	< 1	NAAQS
8	Amonia	µg/m ³	Method of Air Sampling and Analysis, 3 rd Edition – Method No - 401	45.4	< 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	< 0.003	< 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 Mandhare




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue date: 6-Jun-24

Reference Number : BQNX-001/LAB: W/24/05/20336

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited Sampling Location : Ground Floor

Address : Plot Nos. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, Sample Description : Ground Water
MDO Talaja, Tal. Panvel, Dist. Raigad.

Contact Person : Madan Popete

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : NA Date of Sampling : 30-May-24

Date of Receipt : 31-May-24

Sample Drawn By : Client Date of Start of Analysis : 31-May-24

Sample Quantity & Condition : 5 Ltr. water in a white HDPE bottle and 250ml water in sterilised plastic bottle. Sample is intact without any leaks. Date of End of Analysis : 6-Jun-24

RESULTS OF ANALYSIS

Discipline: Chemical

Group: Water

Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Acceptable Limits (IS 10500:2012)
1	Odour	-	IS 3025 : Part 5 : 2018	Agreeable	Agreeable
2	pH - Value at 25°C	-	IS 3025 (Part 11)	8.32	6.5-8.5
3	Colour	Hazen units	IS 3025 (Part 4)	<1.0	Max 5
4	Bicarbonates	mg/l	IS 3025 (Part 23)	162.0	Not Specified
5	Carbonate	mg/l	IS 3025 (Part 23)	<1.0	Not Specified
6	Chlorides, as Cl ⁻	mg / l	IS 3025 : Part 32 : 1988	70.0	Max 250
7	Total Dissolved Solids at 180°C	mg / l	IS 3025 (Part 16)	451.0	Max 500
8	Fluoride	mg / l	IS 3025 : Part 50 : 2008	<0.05	Max 1
9	Nitrate	mg / l	IS 3025 : Part 34 : 1988	<0.1	Max 45
10	Nitrite	mg/l	IS 3025 : Part 34 : 1988	<0.005	Not Specified
11	Phosphate	mg / l	IS 3025 : Part 21 : 2008	2.7	Not Specified
12	Sulphates, as SO ₄	mg / l	IS 3025 : Part 24 : Sec 1 : 2022	24.0	Max 200
13	Temperature	Dc	IS 3025 (Part 9)	25	Not Specified
14	Electrical Conductivity at 25°C	µS/cm	IS 3025 (Part 14)	680.0	Not Specified
15	Hexavalent Chromium	mg / l	IS 3025 (Part 52)	<0.05	Not Specified
16	Chemical Oxygen Demand	N.T.U	IS 3025 : Part 58 : 2008	<2.0	Not Specified

Discipline: Chemical

Group: Residue and Contamination in Water

Heavy Metals :

1	Zinc	mg / l	SOP-CHM-27-01 PART B 2022	<1.0	Max 5
2	Aluminium as Al	mg / l	SOP-CHM-27-01 (Part B)	<0.001	Max 0.03
3	Borates as B	mg / l	IS 3025 (Part 2)	<0.1	Not Specified
4	Cadmium	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Max 0.003
5	Iron	mg / l	SOP-CHM-27-01 PART B 2022	<0.1	Max 1.0

Reference Number : EQNX/001/LAB/W/24/05/20336

Heavy Metals :

6	Lead	mg / l	SOP-CHM-27-01 PART B 2022	<0.01	Max 0.01
7	Mercury	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Max 0.001
8	Molybdenum as Mo	mg / l	SOP-CHM-27-01 (Part B)	<0.05	Max 0.07
9	Nickel as Ni	mg / l	SOP-CHM-27-01 (Part B)	<0.1	Max 0.02
10	Selenium	mg / l	SOP-CHM-27-01 PART B 2022	<0.005	Max 0.01
11	Silver as Ag	mg / l	SOP-CHM-27-01 (Part B)	<0.01	Max 0.1
12	Copper as Cu	mg / l	SOP-CHM-27-01 (Part B)	<1.0	Max 0.05
13	Manganese as Mn	mg / l	SOP-CHM-27-01 (Part B)	<0.1	Max 0.1
14	Cobalt	mg / l	SOP-CHM-27-01 (Part B)	<0.1	Not Specified
15	Calcium	mg / l	SOP-CHM-27-01 (Part B)	44	Max 75
16	Magnesium	mg / l	SOP-CHM-27-01 (Part B)	18	Max 30
17	Sodium	mg / l	SOP-CHM-27-01 (Part B)	<1.0	Not Specified
18	Potassium	mg / l	SOP-CHM-27-01 (Part B)	<1.0	Not Specified
19	Trivalent Arsenic	mg / l	SOP-CHM-27-01 (Part B)	<0.001	Not Specified
20	Pentavalent Arsenic	mg / l	SOP-CHM-27-01 (Part B)	<0.001	Not Specified
21	Trivalent chromium	mg / l	SOP-CHM-27-01 (Part B)	<0.001	Not Specified

Discipline: Biologist

Group: Water

Sr. No.	Microbiological Parameters	Units	Methods	Results of Analysis	Acceptable Limits (IS 10500:2012)
1	Faecal coliform	/ 100 ml	IS:15185:2016	Not Detected	Not specified
2	Coliform	/ 100 ml	IS:15185:2016	Not Detected	Not Detectable

Remark: The sample conform to IS 10500 : 2012 for the parameters tested.


 Technical Manager (Microbiology)
 (Authorised Signatory)
 Mrs. S. Gunja


 Quality Manager
 (Authorised Signatory)
 Mrs. Manisha Kharade

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END OF REPORT

EQUINOX TEST REPORT

Report Issue Date : 4-May-24

Reference Number : EDNX-001 LAB/D-24/D4/06000 A

ULR - TC682024000025000F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : Plot No. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Parvel, Dist. Raigad
 Contact Person : Madan Popeta / Vilhal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 26-Apr-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 26-Apr-24
Date of Start of Analysis : 26-Apr-24	Date of End of Analysis : 2-Apr-24

Stack Details :-

Stack Attached To : WNA 3 Process Stack	Stack Height : 60 m
Shape of Stack : Round	Stack Diameter : 0.953 m
Material of Construction : MS	Stack Velocity : 4.0 m/s
Stack Temperature : 120 °C	Rate of Emission : 9511.2 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	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	ppm	200	Not Specified
			mg/Nm ³	252	< 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. Alal Mandhane



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-May-24

Reference Number : EQNX001/LAB/D-24/04/066003

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 / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 28-Apr-24
Sampling Method : Each analytical method covers the sampling procedure.	Date of Receipt : 28-Apr-24
Date of Start of Analysis : 28-Apr-24	Date of End of Analysis : 2-Apr-24

Stack Details :-

Stack Attached To : WNA 3 Process Stack	Stack Height : 60 m
Shape of Stack : Round	Stack Diameter : 0.953 m
Material of Construction : MS	Stack Velocity : 4.9 m/s
Stack Temperature : 120 °C	Rate of Emission : 9511.2 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	Ammonia	IS - 11255 (Part - V) 1999	mg/m ³	0.81	Not Specified

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board


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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Apr-24

Reference Number : EQHX/001/LAB/024/04/04129 A

URL:TC26802400003607F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 15-Apr-24
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 18-Apr-24
 Date of Start of Analysis : 18-Apr-24 Date of End of Analysis : 23-Apr-24

Stack Details :-

Stack Attached To : DG Stack 1150 KVA (Methanol Plant)
 Shape of Stack : Round Stack Height : 6.5 m
 Material of Construction : MS Stack Diameter : 0.26 m
 Stack Temperature : 107 °C Stack Velocity : 9.5 m/s
 Type of Fuel : Diesel Rate of Emission : 1646.3Nm³/hr
 Consumption : 75 to 80 Liter/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/kw-hr	0.15	≤ 0.2
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	2.8	≤ 80
3	Dioxides of Nitrogen (NOx)	SOP-ENV-25-01	g/kw-hr	0.34	≤ 4.0
4	Carbon Monoxide (CO)	SOP-ENV-25-01	g/kw-hr	0.75	≤ 3.5

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



TC-8820



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Apr-24

Reference Number : EQNX 001 LAB D:24 04 04129 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. Panvel, Dist. Raigad.
 Contact Person : Madan Popeti / Vithal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 15-Apr-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 16-Apr-24
Date of Start of Analysis : 16-Apr-24	Date of End of Analysis : 23-Apr-24

Stack Details :-

Stack Attached To : DG Stack 1150 KVA (Mehand Plant)	Stack Height : 6.5 m
Shape of Stack : Round	Stack Diameter : 0.28 m
Material of Construction : MS	Stack Velocity : 9.5 m/s
Stack Temperature : 107 °C	Rate of Emission : 1645.38m ³ /hr
Type of Fuel : Diesel	
Consumption : 75 to 80 Liter/hr	

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	0.22	Not Specified

Limits as per client requirement

*MPCB - Maharashtra Pollution Control Board


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



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EQUINOX TEST REPORT

Report Issue Date : 25-Apr-24

Reference Number : EQNX/001/LAB-D-24/04/04125

LUR-TC882024000034326F

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, Talega, Tal. Parvat, Dist. Raigad.
 Contact Person : Madan Popeta / Vilhat Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 16-Apr-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 18-Apr-24
Date of Start of Analysis : 18-Apr-24	Date of End of Analysis : 23-Apr-24

Stack Details :-

Stack Attached To : DG Stack 20 KVA (K5 Plant)	Stack Height : 10 m
Shape of Stack : Round	Stack Diameter : 0.1 m
Material of Construction : MS	Stack Velocity : 11.1 m/s
Stack Temperature : 110 °C	Rate of Emission : 306.7 Nm ³ /hr
Type of Fuel : Diesel	
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	0.12	≤ 0.3
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	0.3	Not Specified
3	Oxides of Nitrogen (NOx) + Hydrocarbon (HC)	SDP-ENV-25-01	g/kw-hr	2.7	≤ 7.5
4	Carbon Monoxide (CO)	SDP-ENV-25-01	g/kw-hr	0.2	≤ 3.5

*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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Apr-24

Reference Number : EQDC-001-LABID-24-04-04124

ULR-TC063024020004329F

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 Talpa, Tal Farveji Dist. Rajgad
 Contact Person : Madan Popeta / Vimal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 18-Apr-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 18-Apr-24
Date of Start of Analysis : 18-Apr-24	Date of End of Analysis : 23-Apr-24

Stack Details :-

Stack Attached To : DG Stack - IPA - 300 KVA	Stack Height : 3.0 m
Shape of Stack : Round	Stack Diameter : 0.2 m
Material of Construction : MS	Stack Velocity : 9.0 m/s
Stack Temperature : 64 °C	Rate of Emission : 906.3 Nm ³ /hr
Type of Fuel : Diesel	
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) 1995, RA 2019	g/m ³ -hr	0.36	≤ 0.2
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1995, RA 2019	Kg/day	1.2	≤ 16
3	Oxides of Nitrogen (NOx) + Hydrocarbon (HC)	SOP-ENV-26-01	g/m ³ -hr	3.7	≤ 4
4	Carbon Monoxide (CO)	SOP-ENV-26-01	g/m ³ -hr	2.2	≤ 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. Anil Mandhare



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END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Jun-24

Reference Number : EDNK001-LAB-D-3465-07591

LLN - TC66204000034042F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : PLOT K-1, PART-1, K-2, K-3, K-4, K-5 & Amp. K-6, MIDC Talaja, Talaja - Panvel, Dist - Raigad.
 Contact Person : Madan Popets / Vibhav Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 29-May-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 29-May-24
Date of Start of Analysis : 29-May-24	Date of End of Analysis : 31-May-24

Stack Details :-

Stack Attached To : HRSO - 2 (Process Stack)	Stack Height : 30 m
Shape of Stack : Round	Stack Diameter : 1.5 m
Material of Construction : MS	Stack Velocity : 6.6 m/s
Stack Temperature : 29 °C	Rate of Emission : 42552.8 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 - 11255 (Part - 1) 1985, RA 2019	mg/m ³	6.5	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/m ³	3.4	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-26-01	mg/m ³	18.4	≤ 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 : All the parameters are found within limits.



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



TC-6620

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 28-May-24

Reference Number : EQMX-001-LAB-D-24-05-06679

LIR - TC682024C00032908F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : PLOT K-1, PART-1, K-2, K-3, K-4, K-5 & K-6 MIDC Talaja, Talaja - Parvat, Dist - Raigad
 Contact Person : Madan Popata / Vithal Jachav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 22-May-24
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 24-May-24
 Date of Start of Analysis : 24-May-24 Date of End of Analysis : 27-May-24

Stack Details :-

Stack Attached To : HRSG - 5 (Process Stack)
 Shape of Stack : Round Stack Height : 30 m
 Material of Construction : MS Stack Diameter : 1.5 m
 Stack Temperature : 164°C Stack Velocity : 7.1 m/s
 Type of Fuel : - Rate of Emission : 35591.3 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) 1995, RA 2018	mg/Nm ³	3.8	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1995, RA 2018	mg/Nm ³	2.6	Not Specified
3	Oxides of Nitrogen (NOx)	SOP-ENV-25-01	mg/Nm ³	35.0	≤ 350
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm ³	Not Detected	Not Specified

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board

Remark : All the parameters are found within limits.


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



TC-6820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24

Reference Number : EQNX-001-LAB-D-24-05-05277

ULR - TC30203400031944F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : PLOT K-1, PART-1, K-2, K-3, K-4, K-5 8Amp, K-5, MIDC Tarapur, Taluka - Panvel, Dist. - Raigad
 Contact Person : Madan Popela / Vilhal Jachar

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 17-May-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 18-May-24
Date of Start of Analysis : 18-May-24	Date of End of Analysis : 22-May-24

Stack Details :-

Stack Attached To : DFFCL Boiler Stack AB	Stack Height : 30 m
Shape of Stack : Round	Stack Diameter : 1.0 m
Material of Construction : MS	Stack Velocity : 11.5 m/s
Stack Temperature : 112 °C	Rate of Emission : 55450 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 - 11255 (Part - 1) 1985, RA 2019	mg/m ³	5.8	≤ 150
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	kg/day	Not Detected	≤ 3200
3	Oxides of Nitrogen (NOx)	SOP-ENV-26-01	ppm	Not Detected	Not Specified
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
(Authorised Signatory)
Mr. Atul Mandhara



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24

Reference Number : EQNX/001/LAB/D/24/05/05276

ULR - TC9825246C0031043F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : PLOT K-1, PART-1, K-2, K-3, K-4, K-5 & Amd; K-8, MIDC Talaja, Talaja - Panvel, Dist. - Raigad
 Contact Person : Madan Popata / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 17-May-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 18-May-24
Date of Start of Analysis : 18-May-24	Date of End of Analysis : 22-May-24

Stack Details :-

Stack Attached To : DFPCIL Boiler Stack D	Stack Height : 65 m
Shape of Stack : Round	Stack Diameter : 2.5 m
Material of Construction : MS	Stack Velocity : 4.8 m/s
Stack Temperature : 96 °C	Rate of Emission : 66559.3 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 - 11255 (Part - 1) 1985, RA 2019	mg/m ³	0.5	≤ 150
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	µg/m ³	Not Detected	≤ 3200
3	Oxides of Nitrogen (NOx)	IS-ENV-26-01	ppm	4.1	Not Specified
4	Carbon Monoxide (CO)	IS-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. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Jul-24

Reference Number : EQNX:001:LAB.D:24:07:07356 A ULR : TC682024000051759F

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 / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 23-Jul-24
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 23-Jul-24
 Date of Start of Analysis : 23-Jul-24 Date of End of Analysis : 27-Jul-24

Stack Details :-

Stack Attached To : WNA 3
 Shape of Stack : Round Stack Height : 60 m
 Material of Construction : MS Stack Diameter : 0.953 m
 Stack Temperature : 111 °C Stack Velocity : 4.4 m/s
 Type of Fuel : - Rate of Emission : 6740.8Nm³/hr
 Consumption : -

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Oxides of Nitrogen (NOx)	SOP-ENV-26-01	ppm	225.6	Not Specified
			mg/Nm ³	156.6	< 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. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Jul-24

Reference Number : EQNX:001-LAB.D:24:07:07358 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 Popeta / Vitthal Jadhav

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
 Date of Sampling : 23-Jul-24
 Sampling Method : Each analytical method covers the sampling procedure
 Date of Receipt : 23-Jul-24
 Date of Start of Analysis : 23-Jul-24
 Date of End of Analysis : 27-Jul-24

Stack Details :-

Stack Attached To : WNA 3
 Shape of Stack : Round
 Material of Construction : MS
 Stack Temperature : 111 °C
 Type of Fuel : -
 Consumption : -
 Stack Height : 60 m
 Stack Diameter : 0.953 m
 Stack Velocity : 4.4 m/s
 Rate of Emission : 8740.8Nm³/hr

Discipline : Chemical

Group : Atmospheric Pollution

Observation Table :-

Sr. No.	Parameters	Test Method	Unit	Result	Limits as per MPCB*
1	Ammonia	IS - 11255 (Part - VI) 1999	mg/Nm ³	1.3	Not Specified

*Limits as per client requirement

MPCB* - Maharashtra Pollution Control Board



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

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 24-Jul-24

Reference Number : EQNX.001:LAB-D:24:07:05727

ULR - TC682004000050326F

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 : 16-Jul-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 18-Jul-24
Date of Start of Analysis : 18-Jul-24	Date of End of Analysis : 23-Jul-24

Stack Details :-

Stack Attached To : DG Stack 20 KVA (K6 Plant)	Stack Height : 10 m
Shape of Stack : Round	Stack Diameter : 0.1 m
Material of Construction : MS	Stack Velocity : 6.8 m/s
Stack Temperature : 54 °C	Rate of Emission : 174.7 Nm ³ /hr
Type of Fuel : Diesel	
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	0.1	≠ 0.3
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	Kg/day	0.11	Not Specified
3	Oxides of Nitrogen (NOx) + Hydrocarbon (HC)	SOP-ENV-26-01	g/kw-hr	3.4	≠ 7.5
4	Carbon Monoxide (CO)	SOP-ENV-26-01	g/kw-hr	0.15	≠ 3.5

*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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 26-Aug-24

Reference Number : EQNX/001/LAB/D/24/08/06637 ULR - T0268230400006669F

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, Takli, Tal. Parvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring Date of Sampling : 22-Aug-24
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 22-Aug-24
 Date of Start of Analysis : 21-Aug-24 Date of End of Analysis : 27-Aug-24

Stack Details :-

Stack Attached To : HRSG - 1 (Process Stack)	Stack Height : 30.0 m
Shape of Stack : Round	Stack Diameter : 1.5 m
Material of Construction : MS	Stack Velocity : 6.2 m/s
Stack Temperature : 105 °C	Rate of Emission : 30007.5 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 - 11255 (Part - 1) 1985 RA 2019	mg/Nm ³	7.8	≤ 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	Not Detected	≤ 300
4	Carbon Monoxide (CO)	SOP-ENV-26-01	mg/Nm 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. Atul Mandhare



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 30-Aug-24

Reference Number : EQNK001.LAB-D-24-00-07335

ULR : TC682034C002660423F

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, Tarapur, Tal. Paravel, Dist. Raigad.
 Contact Person : Madan Popera

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring	Date of Sampling : 25-Aug-24
Sampling Method : Each analytical method covers the sampling procedure	Date of Receipt : 25-Aug-24
Date of Start of Analysis : 23-Aug-24	Date of End of Analysis : 29-Aug-24

Stack Details :-

Stack Attached To : HRSG-2 (Process Stack)	Stack Height : 30.0 m
Shape of Stack : Round	Stack Diameter : 1.5 m
Material of Construction : MS	Stack Velocity : 6.4 m/s
Stack Temperature : 105 °C	Rate of Emission : 31997.4 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 - 11255 (Part - 1) 1985, ISA 2018	mg/Nm ³	5.8	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, ISA 2018	mg/Nm ³	3.6	Not Specified
3	Oxides of Nitrogen (NOx)	IS-ENV-25-01	mg/Nm ³	1.0	≤ 350
4	Carbon Monoxide (CO)	IS-ENV-25-01	mg/Nm 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. Atul Mandhare



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 26-Aug-24

Reference Number : EQNX.001.LAB.D.24.08.06538

LNR - TC68202400009000F

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

Nature of Sample : Stack Monitoring Date of Sampling : 22-Aug-24
 Sampling Method : Each analytical method covers the sampling procedure Date of Receipt : 22-Aug-24
 Date of Start of Analysis : 22-Aug-24 Date of End of Analysis : 27-Aug-24

Stack Details :-

Stack Attached To : HRSG - 5 (Process Stack)	Stack Height : 10.0 m
Shape of Stack : Round	Stack Diameter : 1.5 m
Material of Construction : MS	Stack Velocity : 8.4 m/s
Stack Temperature : 205 °C	Rate of Emission : 25145.5 Nm ³ /hr
Type of Fuel : Process Stack	
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/Nm ³	2.8	≤ 10
2	Sulphur Dioxide (SO ₂)	IS - 11255 (Part - 2) 1985, RA 2019	mg/Nm ³	1.8	Not Specified
3	Oxides of Nitrogen (NO _x)	SOP-ENV-29-01	mg/Nm ³	1.0	≤ 300
4	Carbon Monoxide (CO)	SOP-ENV-29-01	mg/Nm 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 - Av
 (Authorized Signatory)
 Mr. Atul Marshare



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-Aug-24

Reference Number : EQNX.001.LAB.D-24.05.06708

ULR - TC882024000059877F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Nature of Sample : Stack Monitoring
 Date of Sampling : 21-Aug-24
 Sampling Method : Each analytical method covers the sampling procedure
 Date of Receipt : 23-Aug-24
 Date of Start of Analysis : 23-Aug-24
 Date of End of Analysis : 25-Aug-24

Stack Details :-

Stack Attached To : Boiler D (Process Stack)
 Shape of Stack : Round
 Material of Construction : MS
 Stack Temperature : 41 °C
 Type of Fuel : -
 Consumption : -
 Stack Height : 63 m
 Stack Diameter : 2.5 m
 Stack Velocity : 4.4 m/s
 Rate of Emission : 73560.9 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	5.8	≤ 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-25-01	mg/Nm ³	2.0	Not Specified
4	Carbon Monoxide (CO)	SOP-ENV-25-01	mg/Nm 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
 (Authorised Signatory)
 Mr. Abul Mandhare



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 2-May-24

Reference Number : EQNR001.LAB.A.24.04.05941 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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 24-Apr-24
Sampling Location : GT-1	Date of Receipt : 24-Apr-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 24-Apr-24
	Date of End of Analysis : 29-Apr-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	0.057	<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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB.A:24:04:05941.A

Report Issue Date : 2-May-24
ULR - TC682024000025182F

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 : Vithal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 24-Apr-24
Sampling Location	: GT-1	Date of Receipt	: 24-Apr-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 24-Apr-24
		Date of End of Analysis	: 29-Apr-24

RESULTS OF ANALYSIS

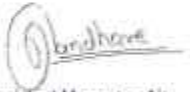
Discipline : Chemical

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	0.82	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.018	< 5	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.



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



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 2-May-24

Reference Number : EQNX-D01-LAB-A24-04-05942 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 Parvat, Dist Raigad.
 Contact Person : Vilthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling :	24-Apr-24
Sampling Location : GT-2	Date of Receipt :	24-Apr-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis :	24-Apr-24
	Date of End of Analysis :	29-Apr-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	0.060	< 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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNK.001.LAB/A-24-04.05042.A

Report Issue Date : 2-May-24
ULR - TC683024000025183F

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 : Vitthal Jadhav / 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 : 24-Apr-24
Date of Receipt : 24-Apr-24
Date of Start of Analysis : 24-Apr-24
Date of End of Analysis : 29-Apr-24

RESULTS OF ANALYSIS

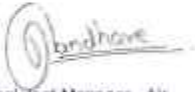
Discipline : Chemical

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	0.58	< 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



TC-8820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 2-May-24

Reference Number : EQNX/001/LAB/A/24/04/05943/D

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 : Vitthal Jadhav / Madan Pogeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling :	24-Apr-24
Sampling Location : GT-5	Date of Receipt :	24-Apr-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis :	24-Apr-24
	Date of End of Analysis :	29-Apr-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.



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(Authorised Signatory)
Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001:LAB:A:24:04:05943 A

Report Issue Date : 2-May-24
ULR - TC682024000025184F

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 : Vilthai Jadhav / Medan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 24-Apr-24
Sampling Location : GT-5	Date of Receipt : 24-Apr-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 24-Apr-24
	Date of End of Analysis : 29-Apr-24

RESULTS OF ANALYSIS

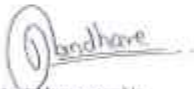
Discipline : Chemical

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	0.47	< 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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24
ULR - TC852024G0031713F

Reference Number : EQNX001.LAB.A.24.05.0503B.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 : Vitthal Jadhav / Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 15-May-24
Sampling Location : GT-1	Date of Receipt : 18-May-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 18-May-24
	Date of End of Analysis : 24-May-24

RESULTS OF ANALYSIS

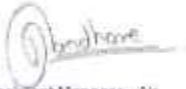
Discipline : Chemical

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	0.48	< 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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24

Reference Number : EQNX001LAB/A-24.05.05038 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 Taleja, Tal Parvel, Dist Raigad.
 Contact Person : Vilhal Jadhav / Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 15-May-24
Sampling Location	: GT-1	Date of Receipt	: 18-May-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 18-May-24
		Date of End of Analysis	: 24-May-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	0.063	< 15	OSHA

*OSHA - Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24
ULR - TC882024000031717F

Reference Number : EQNX:001:LAB:A:24.05:05042 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 : Vilhal Jadhav / Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 15-May-24
Sampling Location : GT-2	Date of Receipt : 18-May-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 18-May-24
	Date of End of Analysis : 24-May-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	<0.0020	< 5	OSHA

*OSHA -Occupational Safety and Health Administration

Remark : All the parameters are found within limits.



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



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24

Reference Number : EQNX001LAB/A:24:05:05042 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 Taleja, Tal Panvel, Dist Raigad.
 Contact Person : Vilthar Jadhav / Madan Popets

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 15-May-24
Sampling Location : GT-2	Date of Receipt : 18-May-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 18-May-24
	Date of End of Analysis : 24-May-24

RESULTS OF ANALYSIS

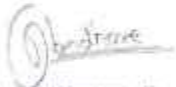
Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.057	< 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



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END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A:24.05.05D40 A

Report Issue Date : 25-May-24
ULR - TC982024000031715F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/S Dneepak 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 Raigarh.
Contact Person : Vilthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 15-May-24
Sampling Location : GT-5	Date of Receipt : 18-May-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 18-May-24
	Date of End of Analysis : 24-May-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	0.58	< 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 - AQ
(Authorized Signatory)
Mr. Abal Mandhare



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 25-May-24

Reference Number : EQNX001.LAB.A/24.05.05040 B

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 15-May-24
Sampling Location : GT-5	Date of Receipt : 18-May-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 18-May-24
	Date of End of Analysis : 24-May-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	0.059	< 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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNA:001:LAB:A 24 06 04752 A

Report Issue Date : 21-Jun-24
ULR - TC682024000038947F

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 Pinvel, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 14-Jun-24
Sampling Location : GT-1	Date of Receipt : 15-Jun-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 15-Jun-24
	Date of End of Analysis : 20-Jun-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	0.52	<50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.005	<5	OSHA

*OSHA -Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


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



TC-9823



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Jun-24

Reference Number : EQNK001LABA240604752B

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 : 14-Jun-24
Sampling Location : GT-1	Date of Receipt : 15-Jun-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 15-Jun-24
	Date of End of Analysis : 20-Jun-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	0.060	< 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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.06.04753 A

Report Issue Date : 21-Jun-24
ULR - TC582024000038948F

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 Parvati, 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 : 14-Jun-24
Date of Receipt : 15-Jun-24
Date of Start of Analysis : 15-Jun-24
Date of End of Analysis : 20-Jun-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	<0.0020	< 5	OSHA

*OSHA - Occupational Safety and Health Administration

Remark : All the parameters are found within limits.


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



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 21-Jun-24

Reference Number : EQNX001.LAB.A.24.06.04753 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 Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 14-Jun-24
Sampling Location	: GT-2	Date of Receipt	: 15-Jun-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 15-Jun-24
		Date of End of Analysis	: 20-Jun-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	0.055	< 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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB/A/24/05/04755 A

Report Issue Date : 21-Jun-24
ULR - TC992024000038949F

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 Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01
Sampling Location : GT-5
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 14-Jun-24
Date of Receipt : 15-Jun-24
Date of Start of Analysis : 15-Jun-24
Date of End of Analysis : 20-Jun-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	mgm ³	SOP-ENV-04-02	0.49	<50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.07	<5	OSHA

*OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.



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



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****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

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info@equinoxlab.com

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EQUINOX TEST REPORT

Report Issue Date : 21-Jun-24

Reference Number : EQNK001.LAB.A.24.05.04755 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	: SOP-ENV-02-01	Date of Sampling	: 14-Jun-24
Sampling Location	: GT-5	Date of Receipt	: 15-Jun-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 15-Jun-24
		Date of End of Analysis	: 20-Jun-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mgm ³	NIOSH 500	0.055	< 15	OSHA

*OSHA - Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB.A.24.08.00472.A

Report Issue Date : 8-Aug-24

QLR - TC682024000053856F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

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

Date of Sampling : 31-Jul-24
 Date of Receipt : 2-Aug-24
 Date of Start of Analysis : 2-Aug-24
 Date of End of Analysis : 7-Aug-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	ppm	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. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

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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 : 9-Aug-24

Reference Number : EQNX.001.LAB.A.24.06.00472 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 Parvat, Dist Raigad
 Contact Person : Madan Popets

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 31-Jul-24
Sampling Location : GT-1	Date of Receipt : 2-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Aug-24
	Date of End of Analysis : 7-Aug-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 508	0.058	< 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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB-A-24-06-00473-A

Report Issue Date : 3-Aug-24

LIR - TC862024000053857F

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 Parvel, 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 : 31-Jul-24
 Date of Receipt : 2-Aug-24
 Date of Start of Analysis : 2-Aug-24
 Date of End of Analysis : 7-Aug-24

RESULTS OF ANALYSIS

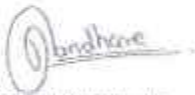
Discipline : Chemical

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	mgm ³	SOP-ENV-04-02	0.62	< 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



TC-8820

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****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

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EQUINOX TEST REPORT

Report Issue Date : 9-Aug-24

Reference Number : EONX.001.LAB.A.24.08.00475 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 Raigarh.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 31-Jul-24
Sampling Location : OT-2	Date of Receipt : 2-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Aug-24
	Date of End of Analysis : 7-Aug-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
(Authorized Signatory)
Mr. Atul Mandhara



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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 : EDNX001-LAB/A:24.05.00474 A

Report Issue Date : 5-Aug-24
ULR - TC682024000053856F

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-5
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 31-Jul-24
Date of Receipt : 2-Aug-24
Date of Start of Analysis : 2-Aug-24
Date of End of Analysis : 7-Aug-24

RESULTS OF ANALYSIS

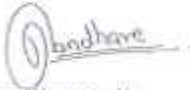
Discipline : Chemical

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	0.45	< 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. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 9-Aug-24

Reference Number : EQNX001LABA240600474 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 Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 31-Jul-24
Sampling Location	: OT-8	Date of Receipt	: 2-Aug-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 2-Aug-24
		Date of End of Analysis	: 7-Aug-24

RESULTS OF ANALYSIS

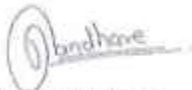
Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	mg/m ³	NIOSH 500	0.057	<15	OSHA

*OSHA - Occupational Safety and Health Administration

Remark : The above tested parameters is found within limits.



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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB/A-24/08-00778 A

Report Issue Date : 29-Aug-24

ULR - TC58202400000075F

INFORMATION PROVIDED BY CUSTOMER

Client Name : MIS 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 : GT-1
 Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 23-Aug-24
 Date of Receipt : 23-Aug-24
 Date of Start of Analysis : 23-Aug-24
 Date of End of Analysis : 26-Aug-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	0.020	< 5	OSHA
2	Carbon Monoxide	mg/m ³	SOP-ENV-04-02	0.47	< 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. Abul Mandhare




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Aug-24

Reference Number : EQNX-001-LAB-A-24-08-0697R 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 : SOP-EHV-02-01	Date of Sampling : 23-Aug-24
Sampling Location : GT-1	Date of Receipt : 23-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 23-Aug-24
	Date of End of Analysis : 28-Aug-24

RESULTS OF ANALYSIS

Discipline : Chemical
 Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Suspended Particulate Matter (SPM)	ug/m ³	NIOSH 500	0.003	< 15	OSHA

*OSHA-Occupational Safety and Health Administration.

Remark : The above tested parameters is found within limits.



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

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Aug-24
ULRT - TC682024000060076F

Reference Number : EQNX/001/LAB/A/24/08/05979 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 Parvat, Dist Raigad.
Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 23-Aug-24
Sampling Location : GT-2	Date of Receipt : 23-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 23-Aug-24
	Date of End of Analysis : 28-Aug-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	mgm ³	SOP-ENV-04-02	0.50	< 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. Akul Madhane




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Aug-24

Reference Number : EQNX.001.LAB.A.24.08.00970.0

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 Parvati, Dist Rajgad.
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 23-Aug-24
Sampling Location : GT-2	Date of Receipt : 23-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 23-Aug-24
	Date of End of Analysis : 25-Aug-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
 (Authorized Signatory)
 Mr. Atul Mandhara

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001-LAB/A-24/08-06979 A

Report Issue Date : 29-Aug-24

ULR - TC682024000000077F

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 : GT-5
 Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 23-Aug-24
 Date of Receipt : 23-Aug-24
 Date of Start of Analysis : 23-Aug-24
 Date of End of Analysis : 28-Aug-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	0.45	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.12	< 5	OSHA

*OSHA - Occupational Safety and Health Administration

Remark : All the parameters are found within limits.



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




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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 29-Aug-24

Reference Number : EQNX/001/LAB/A/24/08/06879 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 Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 23-Aug-24
Sampling Location : GT-5	Date of Receipt : 23-Aug-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 23-Aug-24
	Date of End of Analysis : 28-Aug-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	0.055	< 15	OSHA

*OSHA-Occupational Safety and Health Administration

Remark : The above tested parameters is found within limits.



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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/A/24/09/03229 A

Report Issue Date : 18-Sep-24

ULR - TC682024000064853F

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 Parveel, Dist Ratnadi.
 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 : 11-Sep-24
 Date of Receipt : 12-Sep-24
 Date of Start of Analysis : 13-Sep-24
 Date of End of Analysis : 17-Sep-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	0.57	< 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



TC-8226



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

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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 18-Sep-24

Reference Number : EQNX-001-LAB-A-24-09-03229 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 Taleja, Tal Parvat, Dist Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 11-Sep-24
Sampling Location : GT-2	Date of Receipt : 12-Sep-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 13-Sep-24
	Date of End of Analysis : 17-Sep-24

RESULTS OF ANALYSIS

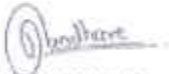
Discipline : Chemical

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
 (Authorized Signatory)
 Mr. Atul Mandhare

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001.LAB/A:24.07.00385 A

Report Issue Date : 8-Jul-24
ULR - TC682024000045009F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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 : SOP-ENV-02-01	Date of Sampling : 26-Jun-24
Sampling Location : Tanker Filling Area	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-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	Ammonia	ppm	SOP-ENV-12-02	<0.003	< 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



Notes :

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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 : 8-Jul-24

Reference Number : EQNK.001.LAB.A.24.07.00388 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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-02-01	Date of Sampling : 25-Jun-24
Sampling Location : Tanker Filling Area	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mgm ⁻³	NIOSH 500	0.42	< 15	OSHA
2	Ethylbenzene	ppm	ISO 16000-5	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 16000-5	< 0.0026	< 200	OSHA
4	Styrene	ppm	ISO 16000-5	< 0.0023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

*OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


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



Note :

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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-24/07/00385 A

Report Issue Date : 8-Jul-24
ULR - TC562024000045008F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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	Date of Sampling	: 26-Jun-24
Sampling Location	: RGP FEED Pump	Date of Receipt	: 2-Jul-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 2-Jul-24
		Date of End of Analysis	: 6-Jul-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	<0.0025	< 5	OSHA
2	Ammonia	ppm	SOP-ENV-12-02	0.28	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	0.033	< 5	OSHA

*OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.



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



Note :

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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 : 6-Jul-24

Reference Number : EQNL001-LAB-A-24/07/00385 B

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-03-01	Date of Sampling : 26-Jun-24
Sampling Location : ROP FEED Pump	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mg/m ³	NIOSH 500	0.31	< 15	OSHA
2	Ethylbenzene	ppm	ISO 15000-6	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 15000-6	< 0.026	< 200	OSHA
4	Styrene	ppm	ISO 15000-6	< 0.023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.



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



Note :

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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.24.07.00390 A

Report Issue Date : 8-Jul-24
ULR - TC583024000045013F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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 : 26-Jun-24
Sampling Location : IPA Storage Tank	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-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	Ammonia	ppm	SOP-ENV-12-02	<0.003	< 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



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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 8-Jul-24

Reference Number : EQNX001.LAB.A-24.07.00390 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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-03-01	Date of Sampling : 26-Jun-24
Sampling Location : IPA Storage Tank	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mg/m ³	NIOSH 500	0.29	< 15	OSHA
2	Ethylbenzene	ppm	ISO 18000-6	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 18000-6	< 0.026	< 200	OSHA
4	Styrene	ppm	ISO 18000-6	< 0.023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


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



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EQUINOX TEST REPORT

Reference Number : EQNX001.LAB-A-24-07-00389-A

Report Issue Date : 8-Jul-24
ULR - TC682024000045012F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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-02-01	Date of Sampling : 26-Jun-24
Sampling Location : Methanol Storage Tank	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-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	Ammonia	ppm	SOP-ENV-12-02	<0.003	< 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. Abul Mandhare



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EQUINOX TEST REPORT

Report Issue Date : 8-Jul-24

Reference Number : EDNX001LAB/A-24-07-00389 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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 Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol	: SOP-ENV-02-01	Date of Sampling	: 25-Jun-24
Sampling Location	: Methanol Storage Tank	Date of Receipt	: 2-Jul-24
Sample Description	: Workplace Air Quality Monitoring	Date of Start of Analysis	: 2-Jul-24
		Date of End of Analysis	: 6-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mg/m ³	NIOSH 500	0.37	< 15	OSHA
2	Ethylbenzene	ppm	ISO 18000-6	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 18000-6	<0.0026	< 200	OSHA
4	Styrene	ppm	ISO 18000-6	<0.0023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

*OSHA -Occupational Safety and Health Administration

Remark : All the parameters are found within limits.


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 (Authorised Signatory)
 Mr. Atul Mandhara



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EQUINOX TEST REPORT

Reference Number : EQNX.001.LAB.A.24.07.00385 A

Report Issue Date : 8-Jul-24
ULR - TC682024000045011F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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-02-01
Sampling Location : T 4704 B Dipe Day Tank
Sample Description : Workplace Air Quality Monitoring

Date of Sampling : 26-Jun-24
Date of Receipt : 2-Jul-24
Date of Start of Analysis : 2-Jul-24
Date of End of Analysis : 6-Jul-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	Ammonia	ppm	SOP-ENV-12-02	<0.003	< 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



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EQUINOX TEST REPORT

Report Issue Date : 8-Jul-24

Reference Number : EQIX.0013.LAB/A:24:07:00388 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilisers and 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-02-01	Date of Sampling : 25-Jun-24
Sampling Location : T 4704 B Dipe Day Tank	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 5-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mg/m ³	NIOSH 500	0.34	< 15	OSHA
2	Ethylbenzene	ppm	ISO 16000-6	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 16000-6	<0.0026	< 200	OSHA
4	Styrene	ppm	ISO 16000-6	<0.0023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

* OSHA - Occupational Safety and Health Administration.

Remark : All the parameters are found within limits.


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



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EQUINOX TEST REPORT

Reference Number : EQNX/001.LAB/A/24/07/00387.A

Report Issue Date : 8-Jul-24
ULR - TC682024000045010F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 26-Jun-24
Sampling Location : IPA Operator Cabin	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-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	Ammonia	ppm	SOP-ENV-12-02	<0.003	< 50	OSHA
3	Nitrogen Dioxide	ppm	SOP-ENV-07-02	<0.0020	< 5	OSHA

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Remark : All the parameters are found within limits.



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



TC-8820



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EQUINOX TEST REPORT

Report Issue Date : 8-Jul-24

Reference Number : EQNK001LABA240700387 B

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-02-01	Date of Sampling : 26-Jun-24
Sampling Location : IPA Operator Cabin	Date of Receipt : 2-Jul-24
Sample Description : Workplace Air Quality Monitoring	Date of Start of Analysis : 2-Jul-24
	Date of End of Analysis : 6-Jul-24

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Parameters	Units	Method	Result	Specified Limits	Standards*
1	Total Dust	mg/m ³	NIOSH 500	0.27	< 15	OSHA
2	Ethylbenzene	ppm	ISO 18000-6	< 0.023	< 100	OSHA
3	Toluene	ppm	ISO 18000-6	< 0.0026	< 200	OSHA
4	Styrene	ppm	ISO 18000-6	< 0.0023	< 100	OSHA
5	Methane	ppm	SOP-ENV-15-02	Not Detected	< 100	OSHA

* OSHA - Occupational Safety and Health Administration

Remark : All the parameters are found within limits.


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Deepak Fertilizers and Petrochemicals Corporation Ltd, Mahadhan Agritech Limited Taloja Performance Chemiserve Limited CSR Report 2024-2025 Half Yearly

Introduction:

As a true corporate citizen, DFPCL and its subsidiaries are committed to social thought and action, resolute in their dedication to serving the society they live in. The companies have been engaged in community work through the "Ishanya Foundation" in Taloja and Pune, Maharashtra.

The CSR arm of Deepak Fertilisers and Petrochemicals Corporation Limited (DFPCL) and its group companies (MAL & PCL), *Ishanya Foundation (IsFon)*, is a registered NGO under the provisions of the Bombay Public Trust Act, 1950.

DFPCL and its group companies have always considered their surrounding communities as important stakeholders in their business and are committed to contributing towards improving their quality of life through various measures. Projects are being implemented in 63 villages/hamlets at Taloja Rural and urban areas of Pune.

VISION

The CSR Policy will act as an effective catalyst in Company's geographies of operations in creating a self-reliant and respectable society with secure and sustained means to livelihood, through employable skills and resource support and additionally to promote and support the rich cultural heritage of India.

MISSION

The mission for the identified society at large, in geographies of DFPCL's and its Group companies' (MAL, PCL) operations and influence, shall be:

- To identify the potential of and gaps in the economic and social support systems, so as to help develop a sustained, self-reliant society with special emphasis on the youth, women & marginal farmers.
- To undertake vocational skills and soft skill development initiatives enabling sustained and respectable employment opportunities for leading a self-reliant life
- To facilitate income generation programs of individuals / groups through alignment of skill development with self-employment opportunities
- To provide marketing and financial support to help enhance sustained income generation initiatives
- To generate community development activities and promote self-help groups so as to improve the living conditions of people through peoples' initiatives.
- To initiate activities and develop government / institutional linkages in community preventive / corrective health facilities where needed
- To undertake farmer skill building, soil / nutrient / agri-inputs / produce enhancement initiatives

- To support performing arts among local communities for promotion of talent & cultural richness of society.
- To provide a much-needed crisis support for unexpected calamities and disasters
- To co-ordinate / conduct any other CSR initiatives which are consistent with the provisions of Section 135 of the Companies Act, 2013 or other provisions as may be prescribed by the government from time to time.

Under CSR initiatives projects and activities are being implemented:

DFFPCL and its group companies are implementing need-based activities in more than 63 hamlets and villages of New Panvel and urban areas of Pune through the Ishanya Foundation.

Agri Based Livelihood

- Horticulture Plantation (Mango)
- Promotion of Vegetables crops
- Promotion of Floriculture
- Farmers Capacity Building

Dairy Service Centre Project

- Cattle Induction
- Door-step health services for cattle
- Artificial Insemination
- Fodder Development
- Vaccination
- Farmers Capacity Building

Vocational Skill Development Project

- Sponsorsip to Diploma in ophthalmaty Students
- Tailoring Training
- Soft skill training

Aarogyam Project

- Mobile Medicle Unit
- Eye camp
- Infratructure Development for Health facility/ Health Centres
- Pathology lab

Gyanam Project

- Infratructure development for School
- Digitization of School Classrooms
- Create Faciltiy
- Career Guidance Seminars

Livelihood Inhancement Through Enterprenurship Development (LEED)

- Yellow Ribbon NGO & Artisan Fair
- Muskan
- Support for Income Generation Activity

Community Development And Social Welfare Project

- Imrastructure development and Need based activity.
- 1000 LPH RO unit installation for Kolwadi
- Open Gym at Valap and Shirvali

1. Agri Based Livelihood:

The Ishanya Foundation has been actively involved in the Agri-Based Livelihood project (Wadi) from March 2012 to March 2024 in tribal areas. Earlier, Isfon was implementing the Wadi model on half an acre of land. However, nowadays, land is being divided day by day, leading to smaller land holdings per farmer. Farmers are now seeking alternatives to generate more income from less land. As a result, Isfon has planned to demonstrate high-density mango plantation on a 5-acre area within the existing Agri-Based Livelihood project area. *The transition from the traditional Agri Based Livelihood model (plantation of 30 mango plants on half-acre area) to High Density Plantation (plantation of 50 mango plants on 5R area) reflects a forward-thinking approach.*

The significance of this shift:

1. High Density Plantation (HDP):

- HDP involves planting trees or crops at higher densities within a given area.
- The goal is to maximize yield, optimize land use, and enhance productivity.
- By planting more trees or crops per unit area, farmers can achieve better resource utilization.

2. Benefits of High-Density Plantation:

- Increased Yield: HDP often results in higher yields due to efficient space utilization.
- Resource Efficiency: It minimizes wastage of land and resources.
- Early Harvest: Trees or crops mature faster in HDP systems.
- Better Pest Management: Dense planting can deter pests and diseases.
- Improved Income: Higher yields translate to better income for farmers.

Under this project we have targeted 18 villages those have tribal population.

As per new amendment in CSR act ongoing project should not be more than 04 years (including year of inception). Therefore, we have taken Agri Based Livelihood project under annual project.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
A	Horticulture Plantation			
	Facilitation to existing wadi Beneficiaries	Nos. of Wadi	380	Support for Mango sale / Collected Mortality Data: 93.81 % Survival / Wadi Meetings / Kisan Melava
B	High Density Mango Wadi			
1	Layout, Pit Digging/Filling, Basal dose application		25	25 beneficiaries completed activities as per plan.
2	ACR for Digging of 55 pits for Mango and Refilling of pits with basal dose		25	25 beneficiaries completed activities as per plan.
3	Mango Grafts Support (Per Wadi 60 Grafts)		25	25 beneficiaries completed the plantation as per plan.
4	Plant Nutrition Support		25	Distributed fertilizers and applied to the mango plants.
5	Hand Tools (Secateurs)		25	
C	Development of Model /Trial Plot			
	Fruit crop trail Plot (Apple-2, Avocado-1, Cashew-2)	No. of Plots	2	Cashew Plot : 02 plantation done Apple and Avocado Plot: Planned in Oct 24
	Mango graft nursery	No. of Grafts	7850	Mango Graft Prepared:7850 Sold during the QTR: 3620 (₹ 74210).
	Vegetable seedlings Nursery (40000 nos)	No of Seedlings	17100	Total Seedling Prepared: 17100 Nos. Own use: 5500 Seedlings

D Capacity Building				
1	External Exposure for Mango Graft nursery- 07 beneficiaries	No. of Events	1	Date: 15/16 July 2024 Location: Lachakadi Gujrat state. Total Beneficiaries: 07 Nos.
2	External Exposure for Vegetable nursery- 07 beneficiaries		1	Date: 5 Oct 24/ 31 May 24 Location: Pune/ Harsul, Nasik Block Total beneficiaries: 07 Nos / 16 Nos.
3	External Exposure for High Density Plantation for 14 beneficiaries		1	Date: 31 May 24 Location: Harsul, Nasik Block Total beneficiaries: 16 Nos
4	Village Meetings		63	Total Beneficiaries: 490 Nos
5	Kisan Melava		1	Date: 7 th Jun 2024 Subject: Best management practices of HDP wadi and Pest Disease Management on Vegetable crop. No of attend: M – 40, F – 12

WADI PROJECT

Market linkages for Mango Sell 2024-25



Given Training to Aspirants for Harvesting and Packaging of Mangoes

IsFon Pune: Booking of mangoes over phone.

DFPCL KI: Taken advance booking from employees.

Organised Stall at KI



Number of wadi started fruiting	No of Plants started Fruiting	Yield (Kg)	Sold - Local Market / Trader	Home consumption	Income in Rs.
310	3202	25,299	15,230	10,069	21,67,550





2. Dairy Service Centre Project

Dairy is an important subsidiary source of income for small/marginal and agricultural laborers in rural areas. The manure from animals provides good sources of organic matter to improve soil fertility and crop yield. The surplus fodder and agricultural by products are gainfully utilized for feeding the animals. Since agriculture is mostly seasonal, there is possibility of finding employment throughout year for many women through dairy farming. Thus, dairy also provides employment throughout the year.

This rural initiative addresses small / marginalized / landless farmers and labourers and aims to enhance dairy farming productivity. Aspirants for this project are selected with due diligence based on set criteria.

- Eligible women of farmer's household are supported with cow
- Provides an opportunity for the farmers to earn about Rs.8,000/- to 12,000/- per month through the sale of milk and cow dung.
- Assistance in the development of fodder plots
- Doorstep services of artificial insemination followed by pregnancy diagnosis of cows and buffaloes.

Major Achievements:

S N	Activity	Unit	HY- Achi	Remarks
A	Support for Dairy Enterprise			
1	Purchase of Cows	No. of Families	05	Date-20.7.24, Cows purchased from Kashti Market
2	Support for Calf Grower- 50 kg/Bag	No. of Calf	150	
B	Capacity Building			
1	Training on livestock management to each new cow batch (5 Aspirants/batch)	Nos. No. of Visit	1	Conducted one training
2	Expert Visit to critical cows		1	Veterinary Expert visit organized for further guidance to the dairy participants.
3	Internal Exposure		1	Conducted Exposure visit at Ideal Dairy Farm
4	Training on livestock management, Feed & Fodder		1	Date: 3 rd July 24 Location: Pale Office Total Beneficiaries: 29 (M-17 + F-12)
C	Fodder Development			
1	Azolla	Nos.	3	Developed 3 Demo
D	Artificial Insemination			
1	Artificial Insemination	Nos	456	
2	Calving	Nos	165	(Male-84, Female-81)

S. N.	Particulars	Cow Milk (Lit.)	Milk Yield Calf (Lit)	Total Milk (Lit)
A	Milk Production			
1	Milk Consumed at home	10235	3040	13275
2	Milk Consumed by Calf	11005	4200	15205
3	Milk sold in the Market	61160	21320	82480
	Total Milk Production	82400	28560	110960
	Additional Income through sale of Milk	₹ 2996050	₹ 1048800	₹ 4044850
B	Additional output: Cow Dung Produced _ MT	16.28	6.42	22.7



3. Vocational Skill Development Programme:

Skill enhancement through various training programs such as Tailoring courses and Optometry courses were initiated by IsFon. These activities created a positive impact on the aspirants, by providing them financial stability and inclusivity within the community.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
1	Sponsorship for BSc. Optometry (Laxmi College of Optometry, Panvel)- IInd Yr-01 +IIIrd Yr- 03	No. of Students	4	Supported to four students Rs.2.72 Lakh.
2	Tailoring Course Pale Kh. Centre	Nos of Aspirants	16	<ul style="list-style-type: none">• 16 Aspirants Completed Course• 3 Aspirants Drop Out• 13 aspirant's ongoing course



4. Aarogyam Project:

IsFon aims to improve the health status and thereby develop a healthy society by improving quality of life of the vulnerable populations in and around Pune city and the villages of Taloja MIDC through preventive health care services. This holistic health objective is woven around proactive diagnosis and care with the following objectives:

- To assess and diagnose the health needs of individuals, families and communities as well as providing comprehensive care
- To provide qualitative, preventive and curative health care to the community
- To provide doorstep healthcare services through Mobile Clinic
- Increase the focus on health promotion and prevention, screening and early intervention
- To improve access to health care services

- Reduce medical expenses and early detection of diseases of the needy through early diagnosis
- To conduct health awareness programs
- Support during the pandemic

Major Achievements:

S. N.	Activity	Unit	HY-Achi	Remarks
1	Mobile Clinic	Nos. Patients	12830	Doorstep health services provided to 12834 patients through mobile clinic from 40+ villages in and around Taloja MIDC.
2	Eye Check Up Camp	Nos	5	A total of 840 patients were examined. Out of that 160 patients have been detected having cataract and 246 detected having vision problem.
i	Cataract Surgery	Nos	88	88 Patients Cataract surgeries have been done.
ii	Spectacle Distribution	Nos	246	Spectacle distributed to 246 patients.
iv	School Screening camp for Eye Check up	Nos	1	Camps Organized at RZP School Khedukpada, Pale Kh, Chindran, Tal. Panvel. In this camp total 183 Students examined.
3	Path Lab (Sample Collection Centre)	Nos	223	Extended support for diagnostics of blood/urine samples as per doctor's recommendation.
4	Food Kit Support for TB Patients in Taloja	Nos	200	Distributed nutritional food kit to 200 TB patients.
5	Skin Camp	Nos	02	Location: Dongryachapada Village Total Patients: 246 patients
6	Safety Grill & Door for Tondre Aanganwadi	Nos	1	Work Complete as per BOQ and design

EYE CHECK UP CAMPS





5. Livelihood Enhancement through Entrepreneurship Development (LEED)

Although several aspirants dream of having their own business or expanding their existing business, they face many stumbling blocks and find it challenging to do so due to poor entrepreneurial capabilities, unavailability of information and access to markets as well as lack of finances to purchase related equipment's. This adversely affects their socio-economic conditions.

Our Entrepreneurship program offers them help to start and expand a business idea. The programme seeks to enhance skills and knowledge to empower entrepreneurs to run small businesses through various initiatives.

- High-end sewing machines were given to beneficiaries to help them stitch faster with good finishing.

- Support of parlor chairs and two-in-one steamer were given to the beneficiaries to help them to start their own parlor.
- Hand carts were given to small vegetable and fruit vendors who were selling on the streets to start their own business.

Major Achievements:

Sr. N.	Activity	Unit	HY-Achi	Remarks
1	Support to Individuals towards Enhancing Entrepreneurship	Nos	5	Provided various types of tools and equipment for strengthening their existing businesses.
2	Yellow Ribbon NGP Fair at Pune	Nos.	1	Organized Yellow Ribbon NGO fair at Ishanya Mall, Yeravda, Pune from 26 th Sep to 1 Oct 2024

Livelihood Enhancement through Entrepreneurship Development (LEED) _ Case Study



Project: LEED_ Support for VC Cooler

Support Year: 2023-24

Name of Aspirant : Mr. Dattatrey Baban Bhagat
Village : Bhalyachiwadi Taluka: Panvel, District: Raigad.
Support for : VC Cooler for Grocery and vegetables shop.
Support Amount : ₹ 37000/- (₹ 25,000/- grant form ISFon)

Family Profile : Dattatrey and Sunita live in an interior tribal village.
Earlier income source : Sale of Grocery and General shop material
Present income source : Grocery and general shop material, additionally selling vegetables and cold drinks.

Land : landless

Before intervention daily income : ₹ 200.00
After intervention daily income : ₹ 300.00

क्षयरुग्णांना पोषण आहाराच वाटप



चवनेल : दिवक फॅटिलिअसर्स अँड पेट्रोकेमिकल्स कॉर्पोरेशन च व फारकॅडेशन यांच्यावतीने सहकारदालितकेन्द्र यांच्यामार्फत क्षयरुग्णां पोषण आहार वाटप चवनेल,दि.२ । प्रधानमंत्री खाद्यतेज युक्त भारत अभियानांतर्गत चवनेल महानगरपालिकेने केलेल्या आवाहनानुसार प्रतियोगी देव खोसरा दि. २२ राधिका देवी फडकेची सुधी प्रार्थना कार्यक्रम केंद्र-४ फॅटिलिअसर्स यांच्यामार्फत दिवक फॅटिलिअसर्स अँड पेट्रोकेमिकल्स कॉर्पोरेशन च ईशान्य फारकॅडेशन यांच्यावतीने भवतापानिकेच्या माध्यमातून पोषण आहार वाटप चवनेल कारखाना जाले. यावेळी दिवक फॅटिलिअसर्स प्रकल्प प्रमुख दिनेश वातप कि मुल्य वैचिकित्त अधिकाारी डॉ. आनंद मोघारी, दिवक फॅटिलिअसर्स सोल्युशन्स फॅडराले सहकार्य करतल्याच स्पष्टीकृत होते.



पुण्य नगरी

क्षयरुग्णांना पोषण आहार वाटप

पुण्य, पुण्यनगरीमध्ये पुण्य नगर अधिकाारी यांच्या संयोजकतेत दि. २२ राधिका देवी फडकेची सुधी प्रार्थना कार्यक्रम केंद्र-४ फॅटिलिअसर्स यांच्यामार्फत दिवक फॅटिलिअसर्स अँड पेट्रोकेमिकल्स कॉर्पोरेशन च ईशान्य फारकॅडेशन यांच्यावतीने भवतापानिकेच्या माध्यमातून पोषण आहार वाटप चवनेल कारखाना जाले. यावेळी दिवक फॅटिलिअसर्स प्रकल्प प्रमुख दिनेश वातप कि मुल्य वैचिकित्त अधिकाारी डॉ. आनंद मोघारी, दिवक फॅटिलिअसर्स सोल्युशन्स फॅडराले सहकार्य करतल्याच स्पष्टीकृत होते.

दिवक फॅटिलिअसर्स अँड पेट्रोकेमिकल्स कॉर्पोरेशन च ईशान्य फारकॅडेशन यांच्यावतीने

भवतापानिकेच्या माध्यमातून क्षयरुग्णांना पोषण आहार वाटप

चवनेल कारखाना जाले. यावेळी दिवक फॅटिलिअसर्स प्रकल्प प्रमुख दिनेश वातप कि मुल्य वैचिकित्त अधिकाारी डॉ. आनंद मोघारी, दिवक फॅटिलिअसर्स सोल्युशन्स फॅडराले सहकार्य करतल्याच स्पष्टीकृत होते.

टिलायझर्स व ईशान्य फाऊंडेशनतर्फे

माध्यमातून क्षयरुग्णांना पोषण आहार वाटप

EQUINOX TEST REPORT

Report Issue Date : 3-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20368

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 2-Apr-24 To 3-Apr-24

Sampling Location : Near Utility Area Date of Receipt : 3-Apr-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	2-Apr-24	14:35	70.3	3-Apr-24	3:35	60.2	
2	2-Apr-24	15:35	71.9	3-Apr-24	4:35	58.7	
3	2-Apr-24	16:35	70.6	3-Apr-24	5:35	58.4	
4	2-Apr-24	17:35	69.3	3-Apr-24	6:35	57.2	
5	2-Apr-24	18:35	68.4	3-Apr-24	7:35	59.1	
6	2-Apr-24	19:35	68.9	3-Apr-24	8:35	60.8	
7	2-Apr-24	20:35	68.5	3-Apr-24	9:35	62.7	
8	2-Apr-24	21:35	68.2	3-Apr-24	10:35	65.6	
9	2-Apr-24	22:35	64.7	3-Apr-24	11:35	64.8	
10	2-Apr-24	23:35	64.1	3-Apr-24	12:35	68.9	
11	3-Apr-24	0:35	62.8	3-Apr-24	13:35	70.1	
12	3-Apr-24	1:35	62.4				
13	3-Apr-24	2:35	60.3				
		Day Time L_{max}	73.3		Night Time L_{max}	64.7	
		Day Time L_{min}	59.1		Night Time L_{min}	58.4	
Average Day Time Leq dB (A)			67.3	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 CPCB Guideline


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

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 3-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20389

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 2-Apr-24 To 3-Apr-24

Sampling Location : Near GT-2 Area Date of Receipt : 3-Apr-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	2-Apr-24	14:25	75.4	3-Apr-24	3:25	62.6	
2	2-Apr-24	15:25	78.9	3-Apr-24	4:25	60.5	
3	2-Apr-24	16:25	73.1	3-Apr-24	5:25	60.9	
4	2-Apr-24	17:25	70.5	3-Apr-24	6:25	63.4	
5	2-Apr-24	18:25	71.5	3-Apr-24	7:25	65.9	
6	2-Apr-24	19:25	70.1	3-Apr-24	8:25	65.7	
7	2-Apr-24	20:25	68.9	3-Apr-24	9:25	70.2	
8	2-Apr-24	21:25	68.7	3-Apr-24	10:25	70.8	
9	2-Apr-24	22:25	66.4	3-Apr-24	11:25	71.6	
10	2-Apr-24	23:25	66.2	3-Apr-24	12:25	71.8	
11	3-Apr-24	0:25	63.1	3-Apr-24	13:25	73.1	
12	3-Apr-24	1:25	63.8				
13	3-Apr-24	2:25	62.5				
		Day Time L_{max}	78.9		Night Time L_{max}	66.4	
		Day Time L_{min}	68.9		Night Time L_{min}	60.9	
Average Day Time Leq dB (A)			70.7	Average Night Time Leq dB (A)			63.2

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

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****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 9-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20390

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 : 8-Apr-24 To 9-Apr-24

Sampling Location : Near Store Area Date of Receipt : 9-Apr-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	8-Apr-24	14:50	55.3	9-Apr-24	3:50	54.3	
2	8-Apr-24	15:50	56.2	9-Apr-24	4:50	55.1	
3	8-Apr-24	16:50	59.1	9-Apr-24	5:50	56.2	
4	8-Apr-24	17:50	61.2	9-Apr-24	6:50	51.1	
5	8-Apr-24	18:50	63.6	9-Apr-24	7:50	56.6	
6	8-Apr-24	19:50	64.7	9-Apr-24	8:50	60.3	
7	8-Apr-24	20:50	66.1	9-Apr-24	9:50	61.2	
8	8-Apr-24	21:50	63.2	9-Apr-24	10:50	63.6	
9	8-Apr-24	22:50	61.1	9-Apr-24	11:50	66.5	
10	8-Apr-24	23:50	62.8	9-Apr-24	12:50	63.7	
11	9-Apr-24	0:50	60.5	9-Apr-24	13:50	64.5	
12	9-Apr-24	1:50	59.8				
13	9-Apr-24	2:50	59.5				
		Day Time L_{max}	66.5		Night Time L_{max}	62.6	
		Day Time L_{min}	51.1		Night Time L_{min}	54.3	
Average Day Time Leq dB (A)			61.3	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
(Authorised Signatory)
Mr. Atul Mandhare

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****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 9-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20391

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 : 8-Apr-24 To 9-Apr-24

Sampling Location : Near Time Office Area Date of Receipt : 9-Apr-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	8-Apr-24	14:45	54.4	9-Apr-24	3:45	53.9	
2	8-Apr-24	15:45	56.3	9-Apr-24	4:45	56.5	
3	8-Apr-24	16:45	56.5	9-Apr-24	5:45	52.2	
4	8-Apr-24	17:45	59.6	9-Apr-24	6:45	51.8	
5	8-Apr-24	18:45	61.2	9-Apr-24	7:45	53.5	
6	8-Apr-24	19:45	62.3	9-Apr-24	8:45	59.1	
7	8-Apr-24	20:45	65.6	9-Apr-24	9:45	60.5	
8	8-Apr-24	21:45	63.8	9-Apr-24	10:45	61.5	
9	8-Apr-24	22:45	60.5	9-Apr-24	11:45	62.9	
10	8-Apr-24	23:45	58.8	9-Apr-24	12:45	62.7	
11	9-Apr-24	0:45	57.6	9-Apr-24	13:45	65.4	
12	9-Apr-24	1:45	55.4				
13	9-Apr-24	2:45	52.1				
		Day Time L_{max}	65.6		Night Time L_{max}	60.5	
		Day Time L_{min}	51.8		Night Time L_{min}	52.1	
Average Day Time Leq dB (A)			59.9	Average Night Time Leq dB (A)			55.8

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

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****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 16-Apr-24

Reference Number : EQNX/001/LAB/N/24/04/20392

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 15-Apr-24 To 16-Apr-24

Sampling Location : Near IPA Gate Date of Receipt : 16-Apr-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	15-Apr-24	15:20	58.1	16-Apr-24	4:20	55.4	
2	15-Apr-24	16:20	56.3	16-Apr-24	5:20	56.6	
3	15-Apr-24	17:20	65.4	16-Apr-24	6:20	54.3	
4	15-Apr-24	18:20	61.2	16-Apr-24	7:20	52.8	
5	15-Apr-24	19:20	63.4	16-Apr-24	8:20	59.9	
6	15-Apr-24	20:20	66.3	16-Apr-24	9:20	60.5	
7	15-Apr-24	21:20	65.4	16-Apr-24	10:20	61.9	
8	15-Apr-24	22:20	64.7	16-Apr-24	11:20	63.2	
9	15-Apr-24	23:20	60.3	16-Apr-24	12:20	65.4	
10	16-Apr-24	0:20	61.8	16-Apr-24	13:20	63.2	
11	16-Apr-24	1:20	62.9	16-Apr-24	14:20	58.8	
12	16-Apr-24	2:20	59.6				
13	16-Apr-24	3:20	58.7				
		Day Time L_{max}	66.3		Night Time L_{max}	62.9	
		Day Time L_{min}	52.8		Night Time L_{min}	54.3	
Average Day Time Leq dB (A)			61.7	Average Night Time Leq dB (A)			58.6

Note - Central Pollution Control Board (CPCB) has prescribed 76 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

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 16-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20393

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 15-Apr-24 To 16-Apr-24

Sampling Location : Near Methanol Gate Date of Receipt : 16-Apr-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	15-Apr-24	14:50	62.7	16-Apr-24	3:50	58.3	
2	15-Apr-24	15:50	61.8	16-Apr-24	4:50	58.9	
3	15-Apr-24	16:50	63.5	16-Apr-24	5:50	59.5	
4	15-Apr-24	17:50	64.6	16-Apr-24	6:50	61.2	
5	15-Apr-24	18:50	61.9	16-Apr-24	7:50	62.3	
6	15-Apr-24	19:50	66.4	16-Apr-24	8:50	66.8	
7	15-Apr-24	20:50	61.9	16-Apr-24	9:50	67.5	
8	15-Apr-24	21:50	60.5	16-Apr-24	10:50	68.5	
9	15-Apr-24	22:50	62.3	16-Apr-24	11:50	63.9	
10	16-Apr-24	23:50	60.5	16-Apr-24	12:50	61.5	
11	16-Apr-24	0:50	56.5	16-Apr-24	13:50	63.4	
12	16-Apr-24	1:50	55.4				
13	16-Apr-24	2:50	54.6				
		Day Time L_{max}	68.5		Night Time L_{max}	62.3	
		Day Time L_{min}	59.5		Night Time L_{min}	54.6	
Average Day Time Leq dB (A)			63.6	Average Night Time Leq dB (A)			58.1

Note - Central Pollution Control Board (CPCB) has prescribed 76 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

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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 : 23-Apr-24

Reference Number : EQNX/001/LAB/N/24/04/20394

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 22-Apr-24 To 23-Apr-24

Sampling Location : Near WNA III Plant Area Date of Receipt : 23-Apr-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	22-Apr-24	12:20	61.1	23-Apr-24	1:20	59.4	
2	22-Apr-24	13:20	60.2	23-Apr-24	2:20	56.3	
3	22-Apr-24	14:20	62.9	23-Apr-24	3:20	55.6	
4	22-Apr-24	15:20	63.8	23-Apr-24	4:20	54.3	
5	22-Apr-24	16:20	66.5	23-Apr-24	5:20	59.5	
6	22-Apr-24	17:20	65.2	23-Apr-24	6:20	60.3	
7	22-Apr-24	18:20	61.9	23-Apr-24	7:20	62.9	
8	22-Apr-24	19:20	64.5	23-Apr-24	8:20	63.8	
9	22-Apr-24	20:20	65.3	23-Apr-24	9:20	64.6	
10	22-Apr-24	21:20	64.8	23-Apr-24	10:20	65.8	
11	22-Apr-24	22:20	63.9	23-Apr-24	11:20	66.3	
12	22-Apr-24	23:20	61.8				
13	23-Apr-24	0:20	60.3				
		Day Time L_{max}	66.5		Night Time L_{max}	62.9	
		Day Time L_{min}	60.2		Night Time L_{min}	54.3	
Average Day Time Leq dB (A)			63.9	Average Night Time Leq dB (A)			58.5

Note - Central Pollution Control Board (CPCB) has prescribed 76 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 :

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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 : 23-Apr-24

Reference Number : EQNX-001-LAB/N:24/04/20395

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 22-Apr-24 To 23-Apr-24

Sampling Location : Near K-6 Plant Main Gate Date of Receipt : 23-Apr-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	22-Apr-24	10:30	70.9	23-Apr-24	23:30	59.9	
2	22-Apr-24	11:30	69.8	23-Apr-24	0:30	54.3	
3	22-Apr-24	12:30	65.4	23-Apr-24	1:30	54.6	
4	22-Apr-24	13:30	68.2	23-Apr-24	2:30	52.1	
5	22-Apr-24	14:30	65.6	23-Apr-24	3:30	55.3	
6	22-Apr-24	15:30	67.6	23-Apr-24	4:30	56.1	
7	22-Apr-24	16:30	68.2	23-Apr-24	5:30	57.1	
8	22-Apr-24	17:30	69.4	23-Apr-24	6:30	59.5	
9	22-Apr-24	18:30	65.6	23-Apr-24	7:30	61.9	
10	22-Apr-24	19:30	62.1	23-Apr-24	8:30	65.3	
11	22-Apr-24	20:30	61.3	23-Apr-24	9:30	66.2	
12	22-Apr-24	21:30	60.2				
13	23-Apr-24	22:30	58.1				
		Day Time L_{max}	70.9		Night Time L_{max}	61.3	
		Day Time L_{min}	57.1		Night Time L_{min}	52.1	
Average Day Time Leq dB (A)			65.2	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. Atul Mandhare

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5. The information provided by customer can affect the validity of results.

****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 24-Apr-24

Reference Number : EQNX/001/LAB/N/24/04/20396

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 : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 23-Apr-24 To 24-Apr-24

Sampling Location : Near acid storage tank area Date of Receipt : 24-Apr-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-Apr-24	14:10	58.2	24-Apr-24	3:10	50.1	
2	23-Apr-24	15:10	56.1	24-Apr-24	4:10	49.8	
3	23-Apr-24	16:10	56.2	24-Apr-24	5:10	49.8	
4	23-Apr-24	17:10	56.3	24-Apr-24	6:10	49.9	
5	23-Apr-24	18:10	58.9	24-Apr-24	7:10	50.1	
6	23-Apr-24	19:10	58.9	24-Apr-24	8:10	50.2	
7	23-Apr-24	20:10	58.2	24-Apr-24	9:10	50.6	
8	23-Apr-24	21:10	56.3	24-Apr-24	10:10	52.9	
9	23-Apr-24	22:10	54.6	24-Apr-24	11:10	55.7	
10	23-Apr-24	23:10	53.7	24-Apr-24	12:10	58.9	
11	24-Apr-24	0:10	55.2	24-Apr-24	13:10	61.3	
12	24-Apr-24	1:10	50.0				
13	24-Apr-24	2:10	49.0				
		Day Time L_{max}	61.3		Night Time L_{max}	55.2	
		Day Time L_{min}	50.2		Night Time L_{min}	49.0	
Average Day Time Leq dB (A)			56.0	Average Night Time Leq dB (A)			50.5

Note - Central Pollution Control Board (CPCB) has prescribed 76 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

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****END OF REPORT****

EQUINOX TEST REPORT

Report Issue Date : 31-May-24

Reference Number : EDNX-001-LAB-N-24-05-07505 ULR - TG682034600033732F

INFORMATION PROVIDED BY CUSTOMER

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

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

Contact Person : Vitthal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 22-May-24 TO 23-May-24

Sampling Location : Near Acid Tank Area Date of Receipt : 23-May-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	22-May-24	2:40	66.1	23-May-24	15:40	63.2	
2	22-May-24	3:40	68.2	23-May-24	16:40	68.6	
3	22-May-24	4:40	69.4	23-May-24	17:40	67.2	
4	22-May-24	5:40	70.3	23-May-24	18:40	66.5	
5	22-May-24	6:40	65.4	23-May-24	19:40	60.3	
6	22-May-24	7:40	63.7	23-May-24	20:40	66.1	
7	22-May-24	8:40	66.4	23-May-24	21:40	63.2	
8	22-May-24	9:40	60.1	23-May-24	22:40	65.4	
9	22-May-24	10:40	56.5	23-May-24	23:40	66.3	
10	22-May-24	11:40	67.2	23-May-24	0:40	67.5	
11	23-May-24	12:40	65.4	23-May-24	1:40	69.5	
12	23-May-24	13:40	56.8				
13	23-May-24	14:40	54.0				
		Day Time L_{max}	68.1			Night Time L_{max}	70.3
		Day Time L_{min}	53.2			Night Time L_{min}	65.4
Average Day Time Leq dB (A)			59.7	Average Night Time Leq dB (A)			67.9

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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Jun-24

Reference Number : EQNX001.LAB.N:24.06:00292

ULR - TC68202400004715F

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 Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 28-May-24 To 29-May-24
 Sampling Location : Near Time Office Area
 Date of Receipt : 29-May-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-May-24	14:45	55.3	29-May-24	3:45	54.3	
2	28-May-24	15:45	56.2	29-May-24	4:45	55.1	
3	28-May-24	16:45	59.1	29-May-24	5:45	58.2	
4	28-May-24	17:45	61.2	29-May-24	6:45	51.1	
5	28-May-24	18:45	63.6	29-May-24	7:45	58.8	
6	28-May-24	19:45	64.7	29-May-24	8:45	60.3	
7	28-May-24	20:45	66.1	29-May-24	9:45	61.2	
8	28-May-24	21:45	63.2	29-May-24	10:45	63.6	
9	28-May-24	22:45	61.1	29-May-24	11:45	68.6	
10	28-May-24	23:45	62.8	29-May-24	12:45	63.7	
11	29-May-24	0:45	60.6	29-May-24	13:45	64.6	
12	29-May-24	1:45	59.6				
13	29-May-24	2:45	59.6				
		Day Time L_{max}	68.6		Night Time L_{max}	62.8	
		Day Time L_{eq}	61.1		Night Time L_{eq}	54.3	
Average Day Time Leq dB (A)			61.3	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 Guidelines.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Jun-24

Reference Number : EQNX021.LAB.N:24-06-00201

LIR - TC6820240000347113F

INFORMATION PROVIDED BY CUSTOMER

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

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

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-E3IV-20-00

Date of Sampling : 28-May-24 To 29-May-24

Sampling Location : Near Store Area

Date of Receipt : 29-May-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-May-24	14:00	54.4	28-May-24	3:30	53.9	
2	28-May-24	15:00	56.3	28-May-24	4:50	56.5	
3	28-May-24	16:00	58.5	28-May-24	5:50	52.2	
4	28-May-24	17:00	59.6	28-May-24	6:30	51.8	
5	28-May-24	18:00	61.2	28-May-24	7:50	53.5	
6	28-May-24	19:00	62.3	28-May-24	8:30	59.1	
7	28-May-24	20:00	63.6	28-May-24	9:50	60.5	
8	28-May-24	21:00	63.8	28-May-24	10:50	61.5	
9	28-May-24	22:00	60.5	28-May-24	11:30	62.9	
10	28-May-24	23:00	58.8	28-May-24	12:50	62.7	
11	29-May-24	0:00	51.6	29-May-24	13:30	65.4	
12	29-May-24	1:00	55.4				
13	29-May-24	2:00	52.1				
		Day Time L_{max}	65.6		Night Time L_{max}	60.5	
		Day Time L_{min}	51.6		Night Time L_{min}	52.1	
Average Day Time Leq dB (A)			59.9	Average Night Time Leq dB (A)			55.8

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. Abul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EGNX-001-LAB-N-24-06-00204 Report Issue Date : 4-Jun-24
 ULR - TCS8202400034717F

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 Parvel, Dist. Raigad
 Contact Person : Vitthal Jadhav / Madan Poojeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 29-May-24 To 30-May-24
 Sampling Location : Near Methanol Gate Date of Receipt : 30-May-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-May-24	14:50	58.1	30-May-24	3:50	55.4	
2	29-May-24	15:50	56.3	30-May-24	4:50	56.6	
3	29-May-24	16:50	65.4	30-May-24	5:50	54.3	
4	29-May-24	17:50	61.2	30-May-24	6:50	52.8	
5	29-May-24	18:50	63.4	30-May-24	7:50	59.9	
6	29-May-24	19:50	65.3	30-May-24	8:50	60.5	
7	29-May-24	20:50	65.4	30-May-24	9:50	61.9	
8	29-May-24	21:50	64.7	30-May-24	10:50	63.2	
9	29-May-24	22:50	60.3	30-May-24	11:50	65.4	
10	29-May-24	23:50	61.8	30-May-24	12:50	63.2	
11	30-May-24	0:50	62.9	30-May-24	13:50	58.6	
12	30-May-24	1:50	59.5				
13	30-May-24	2:50	58.7				
		Day Time L_{MAX}	66.3			Night Time L_{MAX}	62.9
		Day Time L_{MIN}	52.8			Night Time L_{MIN}	54.3
Average Day Time Leq dB (A)			61.7	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 (09:00 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 Manjare



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- 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-Jun-24

Reference Number : EDNX-001-LAB-N-24-05-00200 ULR - TC882024000034710F

INFORMATION PROVIDED BY CUSTOMER

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

Address : Plot No. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal.Panvel, Dist. Raigad

Contact Person : Vilhal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 29-May-24 To 30-May-24

Sampling Location : Near IPA Gate Date of Receipt : 30-May-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-May-24	15:20	52.7	30-May-24	4:20	56.3	
2	29-May-24	16:20	51.8	30-May-24	5:20	58.9	
3	29-May-24	17:20	53.5	30-May-24	6:20	59.5	
4	29-May-24	18:20	54.6	30-May-24	7:20	61.2	
5	29-May-24	19:20	51.9	30-May-24	8:20	62.3	
6	29-May-24	20:20	55.4	30-May-24	9:20	66.8	
7	29-May-24	21:20	51.9	30-May-24	10:20	67.5	
8	29-May-24	22:20	60.5	30-May-24	11:20	68.5	
9	29-May-24	23:20	52.3	30-May-24	12:20	63.9	
10	30-May-24	0:20	60.5	30-May-24	13:20	61.5	
11	30-May-24	1:20	55.5	30-May-24	14:20	63.4	
12	30-May-24	2:20	55.4				
13	30-May-24	3:20	54.5				
		Day Time L_{max}	68.5			Night Time L_{max}	62.3
		Day Time L_{eq}	59.5			Night Time L_{eq}	54.6
Average Day Time Leq dB (A)			63.6	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.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Jun-24

Reference Number : EQNX001-LAB-N-24-05-00206

URL - TCS42004C00034719F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-May-24 To 31-May-24
 Sampling Location : Near K-6 Plant Main Gate Date of Receipt : 31-May-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-May-24	10:30	61.1	30-May-24	23:30	59.4	
2	30-May-24	11:30	60.2	31-May-24	0:30	56.3	
3	30-May-24	12:30	62.9	31-May-24	1:30	55.6	
4	30-May-24	13:30	63.8	31-May-24	2:30	54.3	
5	30-May-24	14:30	68.5	31-May-24	3:30	59.5	
6	30-May-24	15:30	65.2	31-May-24	4:30	60.3	
7	30-May-24	16:30	61.9	31-May-24	5:30	62.9	
8	30-May-24	17:30	64.5	31-May-24	6:30	63.6	
9	30-May-24	18:30	65.3	31-May-24	7:30	64.6	
10	30-May-24	19:30	64.8	31-May-24	8:30	65.8	
11	30-May-24	20:30	63.9	31-May-24	9:30	66.3	
12	30-May-24	21:30	61.8				
13	30-May-24	22:30	60.3				
		Day Time L_{max}	68.5			Night Time L_{max}	62.9
		Day Time L_{min}	60.2			Night Time L_{min}	54.3
Average Day Time Leq dB (A)			63.9	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. Abul Mandhara



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- 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-Jun-24

Reference Number : EQNX/001/LAB/N/24/05/00205

ULR - TC682024000034718F

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 : Vithal Jadhav / Madan Popata

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 23-May-24 To 23-May-24
 Sampling Location : Near WNA III Plant Area
 Date of Receipt : 23-May-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	22-May-24	12:20	70.9	23-May-24	1:20	59.9	
2	22-May-24	13:20	69.8	23-May-24	2:20	54.3	
3	22-May-24	14:20	65.4	23-May-24	3:20	54.8	
4	22-May-24	15:20	68.2	23-May-24	4:20	52.1	
5	22-May-24	16:20	66.6	23-May-24	5:20	55.3	
6	22-May-24	17:20	67.6	23-May-24	6:20	56.1	
7	22-May-24	18:20	68.2	23-May-24	7:20	67.1	
8	22-May-24	19:20	69.4	23-May-24	8:20	59.5	
9	22-May-24	20:20	66.6	23-May-24	9:20	61.9	
10	22-May-24	21:20	62.1	23-May-24	10:20	65.3	
11	22-May-24	22:20	61.3	23-May-24	11:20	66.2	
12	22-May-24	23:20	60.2				
13	22-May-24	0:20	58.1				
		Day Time L_{max}	70.9			Night Time L_{max}	67.1
		Day Time L_{min}	57.1			Night Time L_{min}	52.1
Average Day Time Leq dB (A)			65.2	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
 (Authorized Signatory)
 Mr. Abul Mandhare



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N/24/06/00208 Report Issue Date : 4-Jun-24
 ULR - TC682024030034721F

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 : Vishal Jadhav / Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 27-May-24 To 28-May-24
 Sampling Location : Near GT-2 Area Date of Receipt : 28-May-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-May-24	14:25	75.4	28-May-24	3:25	62.8	
2	27-May-24	15:25	78.9	28-May-24	4:25	60.5	
3	27-May-24	16:25	73.1	28-May-24	5:25	60.9	
4	27-May-24	17:25	70.5	28-May-24	6:25	63.4	
5	27-May-24	18:25	71.6	28-May-24	7:25	65.9	
6	27-May-24	19:25	70.1	28-May-24	8:25	66.7	
7	27-May-24	20:25	68.9	28-May-24	9:25	70.2	
8	27-May-24	21:25	68.7	28-May-24	10:25	70.8	
9	27-May-24	22:25	66.4	28-May-24	11:25	71.6	
10	27-May-24	23:25	66.2	28-May-24	12:25	71.8	
11	28-May-24	0:25	63.1	28-May-24	13:25	73.1	
12	28-May-24	1:25	63.8				
13	28-May-24	2:25	62.5				
		Day Time L_{max}	75.9			Night Time L_{max}	66.4
		Day Time L_{eq}	68.9			Night Time L_{eq}	60.9
Average Day Time Leq dB (A)			70.7	Average Night Time Leq dB (A)			63.2

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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 4-Jun-24

Reference Number : EQNX/001/LAB/24/05/00207

ULR - TC68202400034720F

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 : Vilhal Jadhav / Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-09
 Date of Sampling : 27-May-24 To 28-May-24
 Sampling Location : Near Utility Area
 Date of Receipt : 28-May-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-May-24	14:35	73.3	28-May-24	3:35	59.2	
2	27-May-24	15:35	72.9	28-May-24	4:35	58.7	
3	27-May-24	16:35	72.6	28-May-24	5:35	58.4	
4	27-May-24	17:35	71.9	28-May-24	6:35	57.2	
5	27-May-24	18:35	71.0	28-May-24	7:35	58.1	
6	27-May-24	19:35	68.9	28-May-24	8:35	60.8	
7	27-May-24	20:35	68.5	28-May-24	9:35	62.7	
8	27-May-24	21:35	66.2	28-May-24	10:35	65.6	
9	27-May-24	22:35	64.7	28-May-24	11:35	66.8	
10	27-May-24	23:35	64.1	28-May-24	12:35	68.9	
11	28-May-24	0:35	62.8	28-May-24	13:35	70.1	
12	28-May-24	1:35	62.4				
13	28-May-24	2:35	63.3				
		Day Time L_{max}	73.3		Night Time L_{max}	64.7	
		Day Time L_{min}	59.1		Night Time L_{min}	58.4	
Average Day Time Leq dB (A)			67.3	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 CPCB Guideline.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNXC01.LAB.N.24.D6.05545 Report Issue Date : 20-Jun-24
 U/LR - TC582024000036791F

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 Popani

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-30-05 Date of Sampling : 14-Jun-24 to 15-Jun-24
 Sampling Location : Near GT-2 Area Date of Receipt : 15-Jun-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	14-Jun-24	2:35 PM	79.7	15-Jun-24	3:35 AM	61.5	
2	14-Jun-24	3:35 PM	76.4	15-Jun-24	4:35 AM	62.3	
3	14-Jun-24	4:35 PM	75.1	15-Jun-24	5:35 AM	62.7	
4	14-Jun-24	5:35 PM	70.2	15-Jun-24	6:35 AM	65.9	
5	14-Jun-24	6:35 PM	68.4	15-Jun-24	7:35 AM	66.8	
6	14-Jun-24	7:35 PM	68.1	15-Jun-24	8:35 AM	69.7	
7	14-Jun-24	8:35 PM	67.9	15-Jun-24	9:35 AM	69.5	
8	14-Jun-24	9:35 PM	66.6	15-Jun-24	10:35 AM	70.1	
9	14-Jun-24	10:35 PM	64.2	15-Jun-24	11:35 AM	68.3	
10	14-Jun-24	11:35 PM	63.9	15-Jun-24	12:35 PM	69.9	
11	15-Jun-24	12:35 AM	63.5	15-Jun-24	1:35 PM	67.5	
12	15-Jun-24	1:35 AM	62.8				
13	15-Jun-24	2:35 AM	61.9				
		Day Time L_{max}	78.7			Night Time L_{max}	64.2
		Day Time L_{eq}	69.9			Night Time L_{eq}	61.5
Average Day Time Leq dB (A)			69.9	Average Night Time Leq dB (A)			62.8

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 CFCB Guideline.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N/24/06/05645 Report Issue Date : 25-Jun-24
 ULR : TC682024000039790F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 14-Jun-24 to 15-Jun-24
 Sampling Location : Near Time Office Area Date of Receipt : 15-Jun-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	14-Jun-24	2:25 PM	55.7	15-Jun-24	3:25 AM	55.5	
2	14-Jun-24	3:25 PM	56.4	15-Jun-24	4:25 AM	58.4	
3	14-Jun-24	4:25 PM	58.9	15-Jun-24	5:25 AM	60.9	
4	14-Jun-24	5:25 PM	60.4	15-Jun-24	6:25 AM	62.7	
5	14-Jun-24	6:25 PM	63.9	15-Jun-24	7:25 AM	64.5	
6	14-Jun-24	7:25 PM	65.7	15-Jun-24	8:25 AM	66.9	
7	14-Jun-24	8:25 PM	64.8	15-Jun-24	9:25 AM	68.8	
8	14-Jun-24	9:25 PM	63.7	15-Jun-24	10:25 AM	69.4	
9	14-Jun-24	10:25 PM	60.9	15-Jun-24	11:25 AM	65.1	
10	14-Jun-24	11:25 PM	58.4	15-Jun-24	12:25 PM	69.7	
11	15-Jun-24	12:25 AM	57.5	15-Jun-24	1:25 PM	67.9	
12	15-Jun-24	1:25 AM	56.9				
13	15-Jun-24	2:25 AM	56.4				
		Day Time L_{max}	69.7		Night Time L_{max}	60.9	
		Day Time L_{min}	55.7		Night Time L_{min}	55.5	
Average Day Time Leq dB (A)			64.0	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
 (Authorised Signatory)
 Mr. Anil Madhane



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END OF REPORT

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNK.001.LAB N24.06.05030 Report Issue Date : 18-Jun-24
 ULR - TCM20242000038479 F

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.Parvati, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 13-Jun-24 to 14-Jun-24
 Sampling Location : Near Methanol Gate Date of Receipt : 14-Jun-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	13-Jun-24	1.18 PM	59.7	14-Jun-24	2.18 AM	58.4	
2	13-Jun-24	2.18 PM	59.3	14-Jun-24	3.18 AM	59.3	
3	13-Jun-24	3.18 PM	61.9	14-Jun-24	4.18 AM	60.2	
4	13-Jun-24	4.18 PM	61.5	14-Jun-24	5.18 AM	62.1	
5	13-Jun-24	5.18 PM	62.4	14-Jun-24	6.18 AM	60.4	
6	13-Jun-24	6.18 PM	64.3	14-Jun-24	7.18 AM	58.5	
7	13-Jun-24	7.18 PM	67.5	14-Jun-24	8.18 AM	59.0	
8	13-Jun-24	8.18 PM	69.0	14-Jun-24	9.18 AM	61.4	
9	13-Jun-24	9.18 PM	64.8	14-Jun-24	10.18 AM	64.7	
10	13-Jun-24	10.18 PM	66.4	14-Jun-24	11.18 AM	65.3	
11	13-Jun-24	11.18 PM	67.3	14-Jun-24	12.18 PM	67.4	
12	14-Jun-24	12.18 AM	60.4				
13	14-Jun-24	1.18 AM	61.0				
		Day Time L_{max}	69.0			Night Time L_{max}	67.3
		Day Time L_{eq}	58.5			Night Time L_{eq}	58.4
Average Day Time Leq dB (A)			62.9	Average Night Time Leq dB (A)			61.9

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 Guidline.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX/001/LAB/N/24/06/05/29 Report Issue Date : 16-Jun-24
 ULR - TC682024000036478 F

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 Tarca, Tal./Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 13-Jun-24 to 14-Jun-24
 Sampling Location : Near Store Area Date of Receipt : 14-Jun-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	13-Jun-24	1.09 PM	55.2	14-Jun-24	2.09 AM	60.9	
2	13-Jun-24	2.09 PM	57.5	14-Jun-24	3.09 AM	63.7	
3	13-Jun-24	3.09 PM	57.7	14-Jun-24	4.09 AM	65.8	
4	13-Jun-24	4.09 PM	59.4	14-Jun-24	5.09 AM	67.4	
5	13-Jun-24	5.09 PM	58.5	14-Jun-24	6.09 AM	64.3	
6	13-Jun-24	6.09 PM	61.9	14-Jun-24	7.09 AM	66.0	
7	13-Jun-24	7.09 PM	63.9	14-Jun-24	8.09 AM	63.4	
8	13-Jun-24	8.09 PM	60.1	14-Jun-24	9.09 AM	66.0	
9	13-Jun-24	9.09 PM	63.4	14-Jun-24	10.09 AM	64.2	
10	13-Jun-24	10.09 PM	62.8	14-Jun-24	11.09 AM	60.3	
11	13-Jun-24	11.09 PM	60.9	14-Jun-24	12.09 PM	59.4	
12	14-Jun-24	12.09 AM	62.5				
13	14-Jun-24	1.09 AM	61.7				
		Day Time L_{eq}	66.0			Night Time L_{eq}	67.4
		Day Time L_{95}	55.2			Night Time L_{95}	60.9
Average Day Time Leq dB (A)			61.3	Average Night Time Leq dB (A)			63.2

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (09:00 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.


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



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****END OF REPORT****

Your Testing and Auditing Partner

Equinox Labs Private Limited | CIN No. U74999MH2017PTC297024

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EQUINOX TEST REPORT

Report Issue Date : 22-Jun-24

Reference Number : EQNX-001-LAB-N24-06-06734

ULR - TC962024000039870P

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 Taraja, Tal. Panvel, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-05
 Date of Sampling : 17-Jun-24 To 18-Jun-24
 Sampling Location : Near Utility Area
 Date of Receipt : 18-Jun-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-Jun-24	14:05	51.9	18-Jun-24	3:05	57.3	
2	17-Jun-24	15:05	52.8	18-Jun-24	4:05	56.4	
3	17-Jun-24	16:05	52.4	18-Jun-24	5:05	58.9	
4	17-Jun-24	17:05	55.7	18-Jun-24	6:05	60.4	
5	17-Jun-24	18:05	58.5	18-Jun-24	7:05	62.5	
6	17-Jun-24	19:05	56.4	18-Jun-24	8:05	63.7	
7	17-Jun-24	20:05	58.9	18-Jun-24	9:05	64.8	
8	17-Jun-24	21:05	53.5	18-Jun-24	10:05	55.3	
9	17-Jun-24	22:05	52.8	18-Jun-24	11:05	57.8	
10	17-Jun-24	23:05	51.9	18-Jun-24	12:05	59.9	
11	18-Jun-24	0:05	51.0	18-Jun-24	13:05	59.1	
12	18-Jun-24	1:05	59.5				
13	18-Jun-24	2:05	58.4				
		Day Time L_{eqD}	59.9			Night Time L_{eqN}	52.8
		Day Time L_{max}	60.4			Night Time L_{max}	56.4
Average Day Time Leq dB (A)			55.2	Average Night Time Leq dB (A)			59.5

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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX-001-LAB/24/06/06735
 Report Issue Date : 22-Jun-24
 ULR : TC683024000039857F

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. Rajgad
 Contact Person : Madan Pawar

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SCP-ENV-20-00
 Date of Sampling : 17-Jun-24 To 18-Jun-24
 Sampling Location : Near WHA 3 Area
 Date of Receipt : 18-Jun-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-Jun-24	14:12	67.3	18-Jun-24	3:12	52.4	
2	17-Jun-24	15:12	67.1	18-Jun-24	4:12	51.8	
3	17-Jun-24	16:12	64.9	18-Jun-24	5:12	55.9	
4	17-Jun-24	17:12	63.4	18-Jun-24	6:12	56.8	
5	17-Jun-24	18:12	62.5	18-Jun-24	7:12	60.1	
6	17-Jun-24	19:12	62.0	18-Jun-24	8:12	62.4	
7	17-Jun-24	20:12	60.3	18-Jun-24	9:12	63.8	
8	17-Jun-24	21:12	58.9	18-Jun-24	10:12	66.7	
9	17-Jun-24	22:12	58.6	18-Jun-24	11:12	68.5	
10	17-Jun-24	23:12	56.7	18-Jun-24	12:12	69.3	
11	18-Jun-24	0:12	54.3	18-Jun-24	13:12	70.2	
12	18-Jun-24	1:12	53.1				
13	18-Jun-24	2:12	52.9				
		Day Time L_{max}	70.2			Night Time L_{max}	58.5
		Day Time L_{avg}	58.9			Night Time L_{avg}	51.8
Average Day Time Leq dB (A)			64.0	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.


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



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****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

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EQUINOX TEST REPORT

Reference Number : EONX 2013LAB N:24 06.09732
 Report Issue Date : 22-Jun-24
 ULR - TC882024000029947F

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 Tarapur, Tal. Panvel, Dist. Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 18-Jun-24 To 19-Jun-24
 Sampling Location : Near IPA Gate Area
 Date of Receipt : 19-Jun-24
 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	18-Jun-24	16:00	65.9	19-Jun-24	5:00	59.0	
2	18-Jun-24	17:00	68.8	19-Jun-24	6:00	56.1	
3	18-Jun-24	18:00	70.3	19-Jun-24	7:00	58.3	
4	18-Jun-24	19:00	72.1	19-Jun-24	8:00	60.3	
5	18-Jun-24	20:00	69.2	19-Jun-24	9:00	61.2	
6	18-Jun-24	21:00	67.1	19-Jun-24	10:00	63.7	
7	18-Jun-24	22:00	68.3	19-Jun-24	11:00	66.0	
8	18-Jun-24	23:00	63.1	19-Jun-24	12:00	63.4	
9	19-Jun-24	0:00	60.5	19-Jun-24	13:00	65.3	
10	19-Jun-24	1:00	62.9	19-Jun-24	14:00	67.7	
11	19-Jun-24	2:00	56.4	19-Jun-24	15:00	68.2	
12	19-Jun-24	3:00	55.1				
13	19-Jun-24	4:00	53.4				
		Day Time L_{max}	72.1			Night Time L_{max}	66.3
		Day Time L_{min}	56.1			Night Time L_{min}	53.4
Average Day Time Leq dB (A)			65.5	Average Night Time Leq dB (A)			59.4

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 Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX001-LAB-N24-06-06731
 Report Issue Date : 22-Jun-24
 ULR - TC89202400009846F

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-ENV-20-00
 Date of Sampling : 18-Jun-24 To 19-Jun-24
 Sampling Location : Near Acid Tank Area
 Date of Receipt : 18-Jun-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	18-Jun-24	16:00	65.5	19-Jun-24	5:00	55.6	
2	18-Jun-24	17:00	62.2	19-Jun-24	6:00	58.3	
3	18-Jun-24	18:00	71.3	19-Jun-24	7:00	62.5	
4	18-Jun-24	19:00	65.4	19-Jun-24	8:00	63.7	
5	18-Jun-24	20:00	63.6	19-Jun-24	9:00	65.4	
6	18-Jun-24	21:00	61.7	19-Jun-24	10:00	67.7	
7	18-Jun-24	22:00	60.3	19-Jun-24	11:00	68.2	
8	18-Jun-24	23:00	59.8	19-Jun-24	12:00	70.3	
9	19-Jun-24	0:00	56.4	19-Jun-24	13:00	66.1	
10	19-Jun-24	1:00	53.2	19-Jun-24	14:00	69.3	
11	19-Jun-24	2:00	51.9	19-Jun-24	15:00	72.5	
12	19-Jun-24	3:00	56.5				
13	19-Jun-24	4:00	54.3				
		Day Time L_{Max}	72.5			Night Time L_{Max}	60.3
		Day Time L_{Min}	58.3			Night Time L_{Min}	51.9
Average Day Time Leq dB (A)			56.4	Average Night Time Leq dB (A)			56.2

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 nighttime (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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EDNX.001.LAB.M24.06.27477 Report Issue Date : 25-Jun-24
 ULR - TC082024000041389F

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 Tarqa, Tal Panvel, Dist. Raigad.
 Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 19-Jun-24 to 20-Jun-24
 Sampling Location : K-6 Plant Near Main Gate Area Date of Receipt : 25-Jun-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-Jun-24	10:23 AM	63.3	19-Jun-24	23:23 PM	58.2	
2	19-Jun-24	11:23 AM	64.7	20-Jun-24	00:23 AM	58.5	
3	19-Jun-24	12:23 PM	68.1	20-Jun-24	01:23 AM	55.4	
4	19-Jun-24	13:23 PM	55.3	20-Jun-24	02:23 AM	56.2	
5	19-Jun-24	14:23 PM	56.2	20-Jun-24	03:23 AM	57.3	
6	19-Jun-24	15:23 PM	57.8	20-Jun-24	04:23 AM	52.1	
7	19-Jun-24	16:23 PM	58.9	20-Jun-24	05:23 AM	50.5	
8	19-Jun-24	17:23 PM	55.2	20-Jun-24	06:23 AM	53.2	
9	19-Jun-24	18:23 PM	61.8	20-Jun-24	07:23 AM	64.5	
10	19-Jun-24	19:23 PM	50.3	20-Jun-24	08:23 AM	66.7	
11	19-Jun-24	20:23 PM	53.4	20-Jun-24	09:23 AM	60.3	
12	19-Jun-24	21:23 PM	58.3				
13	19-Jun-24	22:23 PM	56.3				
		Day Time L_{max}	68.9		Night Time L_{max}	58.5	
		Day Time L_{eq}	53.2		Night Time L_{eq}	50.5	
Average Day Time Leq dB (A)			63.5	Average Night Time Leq dB (A)			55.6

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.


 Authorized Manager - Air
 (Authorized Signatory)
 Mr. Atul Manchare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 16-Jul-24

Reference Number : EQNX/001/LAB/N/24/07/04436

ULR - TC582024000048113F

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-20-00
 Date of Sampling : 11-Jul-24 to 12-Jul-24
 Sampling Location : Near Acid Tank Area
 Date of Receipt : 12-Jul-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	11-Jul-24	1:17 PM	68.5	12-Jul-24	2:17 AM	61.7	
2	11-Jul-24	2:17 PM	68.0	12-Jul-24	3:17 AM	61.2	
3	11-Jul-24	3:17 PM	68.1	12-Jul-24	4:17 AM	60.4	
4	11-Jul-24	4:17 PM	68.5	12-Jul-24	5:17 AM	58.2	
5	11-Jul-24	5:17 PM	69.4	12-Jul-24	6:17 AM	59.0	
6	11-Jul-24	6:17 PM	70.5	12-Jul-24	7:17 AM	60.6	
7	11-Jul-24	7:17 PM	70.0	12-Jul-24	8:17 AM	63.9	
8	11-Jul-24	8:17 PM	68.4	12-Jul-24	9:17 AM	64.7	
9	11-Jul-24	9:17 PM	65.2	12-Jul-24	10:17 AM	66.3	
10	11-Jul-24	10:17 PM	64.3	12-Jul-24	11:17 AM	67.5	
11	11-Jul-24	11:17 PM	63.0	12-Jul-24	12:17 PM	68.8	
12	12-Jul-24	12:17 AM	62.5				
13	12-Jul-24	1:17 AM	62.0				
		Day Time L_{max}	70.5		Night Time L_{max}	64.3	
		Day Time L_{min}	59.0		Night Time L_{min}	58.2	
Average Day Time Leq dB (A)			68.6	Average Night Time Leq dB (A)			61.7

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
 (Authorized Signatory)
 Mr. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 16-Jul-24

Reference Number : EQNX/001/LAB/N/24/07/04437

ULR - TC682C24000048114F

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.Phirol, Dist, Raigad
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 11-Jul-24 to 12-Jul-24
 Sampling Location : Near WNA III Area
 Date of Receipt : 12-Jul-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	11-Jul-24	1:20 PM	62.9	12-Jul-24	2:20 AM	56.3
2	11-Jul-24	2:20 PM	63.6	12-Jul-24	3:20 AM	55.2
3	11-Jul-24	3:20 PM	63.0	12-Jul-24	4:20 AM	54.9
4	11-Jul-24	4:20 PM	65.2	12-Jul-24	5:20 AM	60.0
5	11-Jul-24	5:20 PM	66.3	12-Jul-24	6:20 AM	62.4
6	11-Jul-24	6:20 PM	68.4	12-Jul-24	7:20 AM	64.9
7	11-Jul-24	7:20 PM	69.1	12-Jul-24	8:20 AM	65.9
8	11-Jul-24	8:20 PM	65.4	12-Jul-24	9:20 AM	66.1
9	11-Jul-24	9:20 PM	62.2	12-Jul-24	10:20 AM	67.4
10	11-Jul-24	10:20 PM	60.9	12-Jul-24	11:20 AM	66.6
11	11-Jul-24	11:20 PM	61.8	12-Jul-24	12:20 PM	69.5
12	12-Jul-24	12:20 AM	58.4			
13	12-Jul-24	1:20 AM	57.5			
		Day Time L_{max}	69.5		Night Time L_{max}	61.9
		Day Time L_{min}	62.2		Night Time L_{min}	54.9
Average Day Time Leq dB (A)			65.6	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


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 17-Jul-24

Reference Number : EDNX 001.LAB.N 24-07-04687

ULR - TC682024800048415F

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-20-00	Date of Sampling : 12-Jul-24 To 13-Jul-24
Sampling Location : K-6 Plant Near Main Gate	Date of Receipt : 13-Jul-24
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	12-Jul-24	17:00	63.1	13-Jul-24	6:00	58.3	
2	12-Jul-24	18:00	62.7	13-Jul-24	7:00	57.1	
3	12-Jul-24	19:00	60.1	13-Jul-24	8:00	59	
4	12-Jul-24	20:00	63.4	13-Jul-24	9:00	58.4	
5	12-Jul-24	21:00	67.3	13-Jul-24	10:00	58.7	
6	12-Jul-24	22:00	67.4	13-Jul-24	11:00	59.4	
7	12-Jul-24	23:00	58.7	13-Jul-24	12:00	63.4	
8	13-Jul-24	0:00	54.0	13-Jul-24	13:00	67.8	
9	13-Jul-24	1:00	53.0	13-Jul-24	14:00	65.9	
10	13-Jul-24	2:00	58.5	13-Jul-24	15:00	67.8	
11	13-Jul-24	3:00	57.3	13-Jul-24	16:00	64.9	
12	13-Jul-24	4:00	53.3				
13	13-Jul-24	5:00	54.3				
		Day Time L_{Aeq}	67.8			Night Time L_{Aeq}	58.7
		Day Time L_{A95}	57.1			Night Time L_{A95}	53.0
Average Day Time Leq dB (A)			62.0	Average Night Time Leq dB (A)			56.1

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. Adul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 10-Jul-24

Reference Number : EQNX/001/LAB/N/24/07/03625

URL - TC5E2024000047086F

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 : 10-Jul-24 to 11-Jul-24
 Sampling Location : Near Methanol Gate Area Date of Receipt : 11-Jul-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	10-Jul-24	2:40 PM	65.9	11-Jul-24	3:40 AM	60.5	
2	10-Jul-24	3:40 PM	66.9	11-Jul-24	4:40 AM	59.9	
3	10-Jul-24	4:40 PM	67.4	11-Jul-24	5:40 AM	59.4	
4	10-Jul-24	5:40 PM	68.2	11-Jul-24	6:40 AM	61.6	
5	10-Jul-24	6:40 PM	58.9	11-Jul-24	7:40 AM	62.6	
6	10-Jul-24	7:40 PM	66.3	11-Jul-24	8:40 AM	64.9	
7	10-Jul-24	8:40 PM	55.7	11-Jul-24	9:40 AM	64.2	
8	10-Jul-24	9:40 PM	54.1	11-Jul-24	10:40 AM	67.3	
9	10-Jul-24	10:40 PM	53.9	11-Jul-24	11:40 AM	68.4	
10	10-Jul-24	11:40 PM	63.2	11-Jul-24	12:40 PM	69.2	
11	11-Jul-24	12:40 AM	62.8	11-Jul-24	1:40 PM	70.1	
12	11-Jul-24	1:40 AM	62.0				
13	11-Jul-24	2:40 AM	61.4				
		Day Time L_{eq}	70.1		Night Time L_{eq}	63.9	
		Day Time L_{95}	61.6		Night Time L_{95}	59.9	
Average Day Time Leq dB (A)			65.3	Average Night Time Leq dB (A)			61.6

Note - Central Pollution Control Board (CPCB) has prescribed 75 dB(A) as a upper limit of noise level during Day Time (05:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 05:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guidline.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 10-Jul-24

Reference Number : EDNX-001/LAB-N-24/07-05625

ULR - TC682024000047085F

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-35-00 Date of Sampling : 10-Jul-24 to 11-Jul-24
 Sampling Location : Near IPA Gate Area Date of Receipt : 11-Jul-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	10-Jul-24	2:52 PM	74.0	11-Jul-24	3:52 AM	62.2	
2	10-Jul-24	3:52 PM	74.4	11-Jul-24	4:52 AM	61.7	
3	10-Jul-24	4:52 PM	73.2	11-Jul-24	5:52 AM	60.6	
4	10-Jul-24	5:52 PM	72.5	11-Jul-24	6:52 AM	59.7	
5	10-Jul-24	6:52 PM	73.9	11-Jul-24	7:52 AM	58.3	
6	10-Jul-24	7:52 PM	71.0	11-Jul-24	8:52 AM	58.0	
7	10-Jul-24	8:52 PM	69.5	11-Jul-24	9:52 AM	59.3	
8	10-Jul-24	9:52 PM	66.2	11-Jul-24	10:52 AM	60.8	
9	10-Jul-24	10:52 PM	65.9	11-Jul-24	11:52 AM	61.9	
10	10-Jul-24	11:52 PM	65.0	11-Jul-24	12:52 PM	62.7	
11	11-Jul-24	12:52 AM	64.9	11-Jul-24	1:52 PM	63.4	
12	11-Jul-24	1:52 AM	64.1				
13	11-Jul-24	2:52 AM	62.8				
		Day Time L_{max}	74.4			Night Time L_{max}	66.8
		Day Time L_{min}	58.0			Night Time L_{min}	60.5
Average Day Time Leq dB (A)			65.3	Average Night Time Leq dB (A)			63.6

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. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 19-Jul-24

Reference Number : EQNX.001.LAB.N24.07.03483

ULR - TC682C2400C047063F

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,Parwal, Dist. Raigad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-05

Date of Sampling : 9-Jul-24 to 10-Jul-24

Sampling Location : Near Time Office Area

Date of Receipt : 10-Jul-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	9-Jul-24	3:00 PM	66.4	10-Jul-24	4:05 AM	60.0	
2	9-Jul-24	4:00 PM	66.7	10-Jul-24	5:05 AM	61.6	
3	9-Jul-24	5:00 PM	67.9	10-Jul-24	6:05 AM	62.7	
4	9-Jul-24	6:00 PM	66.1	10-Jul-24	7:05 AM	64.5	
5	9-Jul-24	7:00 PM	66.7	10-Jul-24	8:05 AM	66.8	
6	9-Jul-24	8:00 PM	66.5	10-Jul-24	9:05 AM	67.9	
7	9-Jul-24	9:00 PM	65.6	10-Jul-24	10:05 AM	68.2	
8	9-Jul-24	10:00 PM	65.4	10-Jul-24	11:05 AM	68.8	
9	9-Jul-24	11:00 PM	64.3	10-Jul-24	12:05 PM	69.7	
10	10-Jul-24	12:00 AM	64.0	10-Jul-24	1:05 PM	70.1	
11	10-Jul-24	1:00 AM	63.9	10-Jul-24	2:05 PM	69.2	
12	10-Jul-24	2:00 AM	62.8				
13	10-Jul-24	3:00 AM	61.4				
		Day Time L_{day}	70.1		Night Time L_{min}	65.4	
		Day Time L_{eq}	62.7		Night Time L_{eq}	60.0	
Average Day Time Leq dB (A)			67.8	Average Night Time Leq dB (A)			62.9

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 Mendhara



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 13-Jul-24

Reference Number : EQNX001.LAB.N.24.07.05484 URL - TC682024002047084F

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 : 9-Jul-24 to 10-Jul-24

Sampling Location : Near Store Area Date of Receipt : 10-Jul-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	9-Jul-24	3:01 PM	69.4	10-Jul-24	4:01 AM	61.7	
2	9-Jul-24	4:01 PM	69.8	10-Jul-24	5:01 AM	60.8	
3	9-Jul-24	5:01 PM	70.5	10-Jul-24	6:01 AM	60.0	
4	9-Jul-24	6:01 PM	70.0	10-Jul-24	7:01 AM	62.9	
5	9-Jul-24	7:01 PM	69.2	10-Jul-24	8:01 AM	63.8	
6	9-Jul-24	8:01 PM	68.1	10-Jul-24	9:01 AM	66.7	
7	9-Jul-24	9:01 PM	66.3	10-Jul-24	10:01 AM	66.2	
8	9-Jul-24	10:01 PM	66.0	10-Jul-24	11:01 AM	68.9	
9	9-Jul-24	11:01 PM	65.8	10-Jul-24	12:01 PM	60.7	
10	10-Jul-24	12:01 AM	64.4	10-Jul-24	1:01 PM	68.1	
11	10-Jul-24	1:01 AM	63.9	10-Jul-24	2:01 PM	70.0	
12	10-Jul-24	2:01 AM	62.4				
13	10-Jul-24	3:01 AM	62.0				
		Day Time L_{max}	70.5		Night Time L_{max}	66.0	
		Day Time L_{min}	60.0		Night Time L_{min}	60.8	
Average Day Time Leq dB (A)			67.0	Average Night Time Leq dB (A)			63.4

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. Atul Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 10-Jul-24

Reference Number : EQNX/001/LAB/N-24/07-02950

ULR - TC682024000046746F

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. Rajgad.

Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 08-Jul-24 To 09-Jul-24

Sampling Location : Near Utility Area

Date of Receipt : 9-Jul-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	8-Jul-24	14:37	72.0	9-Jul-24	3:37	65.1	
2	8-Jul-24	15:37	74.1	9-Jul-24	4:37	63.9	
3	8-Jul-24	16:37	71.5	9-Jul-24	5:37	63	
4	8-Jul-24	17:37	73.5	9-Jul-24	6:37	62.5	
5	8-Jul-24	18:37	75.4	9-Jul-24	7:37	61.9	
6	8-Jul-24	19:37	74.6	9-Jul-24	8:37	61.3	
7	8-Jul-24	20:37	74.0	9-Jul-24	9:37	60.7	
8	8-Jul-24	21:37	73.2	9-Jul-24	10:37	60.1	
9	8-Jul-24	22:37	70.9	9-Jul-24	11:37	61.5	
10	8-Jul-24	23:37	69.7	9-Jul-24	12:37	62.7	
11	9-Jul-24	0:37	69.0	9-Jul-24	13:37	64.6	
12	9-Jul-24	1:37	68.5				
13	9-Jul-24	2:37	65.4				
		Day Time L_{max}	75.4		Night Time L_{max}	70.9	
		Day Time L_{min}	60.1		Night Time L_{min}	63.0	
Average Day Time Leq dB (A)			67.7	Average Night Time Leq dB (A)			66.9

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. Abhijit Mandhare



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 10-Jul-24

Reference Number : EQNL001 LAB N24 07 02055

ULR - TC682C24000046747F

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 Taraj, Tal Parvel, Dist, Raigad.

Contact Person : Madan Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 08-Jul-24 To 09-Jul-24

Sampling Location : Near OT-3 Area

Date of Receipt : 9-Jul-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	8-Jul-24	14:40	75.1	8-Jul-24	3:40	60.7	
2	8-Jul-24	15:40	74.3	8-Jul-24	4:40	60.3	
3	8-Jul-24	16:40	73.9	8-Jul-24	5:40	59.9	
4	8-Jul-24	17:40	72.8	8-Jul-24	6:40	62.4	
5	8-Jul-24	18:40	70.1	8-Jul-24	7:40	65.2	
6	8-Jul-24	19:40	68.9	8-Jul-24	8:40	67.8	
7	9-Jul-24	20:40	68.7	9-Jul-24	9:40	69.3	
8	8-Jul-24	21:40	66.3	9-Jul-24	10:40	64.5	
9	8-Jul-24	22:40	65.4	9-Jul-24	11:40	65.9	
10	8-Jul-24	23:40	64.7	9-Jul-24	12:40	67.8	
11	9-Jul-24	0:40	63.8	9-Jul-24	13:40	68.1	
12	9-Jul-24	1:40	62.9				
13	9-Jul-24	2:40	62.6				
		Day Time L_{eq}	75.1		Night Time L_{eq}	65.4	
		Day Time L_{95}	62.4		Night Time L_{95}	59.9	
Average Day Time Leq dB (A)			68.8	Average Night Time Leq dB (A)			62.5

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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQHX.001.LAB.N.24.09.00150

JLR - TC68202400061430F

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-30-00
 Date of Sampling : 29-Aug-24 to 30-Aug-24
 Sampling Location : Near WHA-8 Plant Area
 Date of Receipt : 30-Aug-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-Aug-24	4:21 PM	64.5	30-Aug-24	5:21 AM	51.6	
2	29-Aug-24	5:21 PM	68.2	30-Aug-24	6:21 AM	52.3	
3	29-Aug-24	6:21 PM	61.2	30-Aug-24	7:21 AM	50.1	
4	29-Aug-24	7:21 PM	64.5	30-Aug-24	8:21 AM	46.3	
5	29-Aug-24	8:21 PM	66.2	30-Aug-24	9:21 AM	48.9	
6	29-Aug-24	9:21 PM	65.1	30-Aug-24	10:21 AM	49.6	
7	29-Aug-24	10:21 PM	60.2	30-Aug-24	11:21 AM	50.3	
8	29-Aug-24	11:21 PM	58.3	30-Aug-24	12:21 PM	52.1	
9	29-Aug-24	12:21 AM	59.1	30-Aug-24	1:21 PM	53.6	
10	30-Aug-24	1:21 AM	66.3	30-Aug-24	2:21 PM	54.6	
11	30-Aug-24	2:21 AM	53.2	30-Aug-24	3:21 PM	60.5	
12	30-Aug-24	3:21 AM	51.6				
13	30-Aug-24	4:21 AM	50.7				
		Day Time L_{max}	68.2			Night Time L_{max}	60.2
		Day Time L_{avg}	46.3			Night Time L_{avg}	50.7
Average Day Time Leq dB (A)			56.6	Average Night Time Leq dB (A)			55.1

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 Guidance.


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



Note:

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 2-Sep-24

Reference Number : EQNK.001.LAB.N.24.09.00151

ULR - TC62224000981431F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 **Date of Sampling :** 29-Aug-24 to 30-Aug-24
Sampling Location : Near Acid Tank Area **Date of Receipt :** 30-Aug-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-Aug-24	3:45 PM	65.6	30-Aug-24	4:45 AM	55.4	
2	29-Aug-24	4:45 PM	64.3	30-Aug-24	5:45 AM	55.3	
3	29-Aug-24	5:45 PM	65.2	30-Aug-24	6:45 AM	51.6	
4	29-Aug-24	6:45 PM	66.1	30-Aug-24	7:45 AM	52.7	
5	29-Aug-24	7:45 PM	65.4	30-Aug-24	8:45 AM	53.8	
6	29-Aug-24	8:45 PM	62.9	30-Aug-24	9:45 AM	56.5	
7	29-Aug-24	9:45 PM	64.7	30-Aug-24	10:45 AM	58.3	
8	29-Aug-24	10:45 PM	63.3	30-Aug-24	11:45 AM	60.4	
9	29-Aug-24	11:45 PM	62.8	30-Aug-24	12:45 PM	61.9	
10	30-Aug-24	12:45 AM	65.3	30-Aug-24	1:45 PM	62.3	
11	30-Aug-24	1:45 AM	64.2	30-Aug-24	2:45 PM	63.5	
12	30-Aug-24	2:45 AM	59.3				
13	30-Aug-24	3:45 AM	60.4				
		Day Time L_{eq}	69.6		Night Time L_{eq}	60.3	
		Day Time L_{avg}	51.5		Night Time L_{avg}	53.3	
Average Day Time Leq dB (A)			61.3	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 (6:00 AM to 10:00 PM) & 70 dB(A) during night time (10:00 PM to 6:00 AM).

Remark - The Above results Found Satisfactory as per CPCB Guideline.


 Assistant Manager - Air
 (Authorized Signatory)
 Mr. Ajay Mandhara



Note :

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQNOC01LAB N24/09/00152

QLR - TC682024000061432F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Deepak Fertilizers & Petrochemicals Corporation Limited
 Address : Plot No. K-1 Part 1, K-2, K-3, K-4, K-5 & K-6, MIDC Talaja, Tal Parvat, Dist. Rajast.
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 30-Aug-24 to 31-Aug-24
 Sampling Location : Near Time Office Area Date of Report : 31-Aug-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-Aug-24	13:23	55.6	31-Aug-24	2:23	53.5	
2	30-Aug-24	14:23	55.2	31-Aug-24	3:23	55.4	
3	30-Aug-24	15:23	58.9	31-Aug-24	4:23	51.2	
4	30-Aug-24	16:23	60.5	31-Aug-24	5:23	56.1	
5	30-Aug-24	17:23	61.2	31-Aug-24	6:23	58.6	
6	30-Aug-24	18:23	63.7	31-Aug-24	7:23	61.3	
7	30-Aug-24	19:23	61.9	31-Aug-24	8:23	62.7	
8	30-Aug-24	20:23	60.6	31-Aug-24	9:23	63.6	
9	30-Aug-24	21:23	59.8	31-Aug-24	10:23	64.1	
10	30-Aug-24	22:23	58.4	31-Aug-24	11:23	61.9	
11	30-Aug-24	23:23	58.2	31-Aug-24	12:23	66.3	
12	31-Aug-24	0:23	56.3				
13	31-Aug-24	1:23	52.1				
		Day Time L_{eq}	55.3		Night Time L_{eq}	58.2	
		Day Time L_{95}	55.6		Night Time L_{95}	61.3	
Average Day Time Leq dB (A)			51.2	Average Night Time Leq dB (A)			54.3

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 Noise Level Found Satisfactory as per CPCB Guidelines.


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



Note:

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4. The accuracy has been provided by the customer and reports apply to the sample as received by us.
5. The information provided by customer may affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQNX-001-LAB-N24-00-00153

ULR - TC682024000061433F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-36-06
 Date of Sampling : 30-Aug-24 to 31-Aug-24
 Sampling Location : Near Store Area
 Date of Receipt : 31-Aug-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-Aug-24	13:10	56.5	31-Aug-24	2:10	51.8	
2	30-Aug-24	14:10	58.9	31-Aug-24	3:10	52.1	
3	30-Aug-24	15:10	60.3	31-Aug-24	4:10	55.7	
4	30-Aug-24	16:10	61.2	31-Aug-24	5:10	57.2	
5	30-Aug-24	17:10	59.6	31-Aug-24	6:10	60.3	
6	30-Aug-24	18:10	56.5	31-Aug-24	7:10	61.2	
7	30-Aug-24	19:10	59.2	31-Aug-24	8:10	62.4	
8	30-Aug-24	20:10	60.5	31-Aug-24	9:10	63.8	
9	30-Aug-24	21:10	62.7	31-Aug-24	10:10	62.1	
10	30-Aug-24	22:10	55.7	31-Aug-24	11:10	60.4	
11	30-Aug-24	23:10	58.4	31-Aug-24	12:10	59.2	
12	31-Aug-24	0:10	51.3				
13	31-Aug-24	1:10	50.4				
		Day Time L_{eq}	63.6		Night Time L_{eq}	57.2	
		Day Time L_{95}	58.5		Night Time L_{95}	50.4	
Average Day Time Leq dB (A)			60.2	Average Night Time Leq dB (A)			55.9

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. Alul Mandhara



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQINX-001-LAB-19-24-02-00207

ULR - TC682004000061487F

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.Porwad, Dist. Raigad
Contact Person : Madan Popets

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00	Date of Sampling : 31-Aug-24 to 01-Sep-24
Sampling Location : Near Utility Area	Date of Receipt : 1-Sep-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	31-Aug-24	18:10	59.6	1-Sep-24	7:10	57.8	
2	31-Aug-24	19:10	57.8	1-Sep-24	8:10	58.6	
3	31-Aug-24	20:10	66.3	1-Sep-24	9:10	59.7	
4	31-Aug-24	21:10	54.3	1-Sep-24	10:10	60.3	
5	31-Aug-24	22:10	65.1	1-Sep-24	11:10	58.1	
6	31-Aug-24	23:10	54.9	1-Sep-24	12:10	59.2	
7	1-Sep-24	0:10	53.1	1-Sep-24	13:10	61.8	
8	1-Sep-24	1:10	52.3	1-Sep-24	14:10	62.3	
9	1-Sep-24	2:10	55.2	1-Sep-24	15:10	60.4	
10	1-Sep-24	3:10	54.1	1-Sep-24	16:10	58.8	
11	1-Sep-24	4:10	53.2	1-Sep-24	17:10	56.1	
12	1-Sep-24	5:10	54.8				
13	1-Sep-24	6:10	55.6				
		Day Time L_{eq}	62.3			Night Time L_{eq}	58.1
		Day Time L_{95}	54.3			Night Time L_{95}	52.3
Average Day Time Leq dB (A)			58.5	Average Night Time Leq dB (A)			58.2

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 12:00 PM) & 70 dB(A) during night time (12:00 PM to 06:00 AM).

Remark - The Above Results Found Satisfactory as per CPCB Guideline.


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



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQNX-001-LAB-N24-09-00026

ULR - TGS82034000261486F

INFORMATION PROVIDED BY CUSTOMER

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

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-02
 Sampling Location : K - 6, Plant - Near Main Gate
 Sample Description : Ambient Noise Measurement
 Lateral Distance : 1.5 Meter from Ground Level

Date of Sampling : 31-Aug-24 to 01-Sep-24
 Date of Receipt : 1-Sep-24
 Sampling Duration : 24 Hrs.

RESULTS OF ANALYSIS

Discipline : Chemical

Group : Atmospheric Pollution

Sr. No.	Date	Time	Leq dB (A)	Date	Time	Leq dB (A)	
1	31-Aug-24	12:13	53.5	1-Sep-24	1:13	55.3	
2	31-Aug-24	13:13	54.0	1-Sep-24	2:13	54.0	
3	31-Aug-24	14:13	55.5	1-Sep-24	3:13	56.5	
4	31-Aug-24	15:13	54.9	1-Sep-24	4:13	55.1	
5	31-Aug-24	16:13	61.4	1-Sep-24	5:13	53.7	
6	31-Aug-24	17:13	55.7	1-Sep-24	6:13	52.4	
7	31-Aug-24	18:13	52.6	1-Sep-24	7:13	57.8	
8	31-Aug-24	19:13	56.0	1-Sep-24	8:13	58.4	
9	31-Aug-24	20:13	55.8	1-Sep-24	9:13	54.3	
10	31-Aug-24	21:13	57.8	1-Sep-24	10:13	55.0	
11	31-Aug-24	22:13	53.9	1-Sep-24	11:13	57.2	
12	31-Aug-24	23:13	55.8				
13	1-Sep-24	0:13	64.5				
		Day Time L_{eq}	53.4			Night Time L_{eq}	54.5
		Day Time L_{95}	52.4			Night Time L_{95}	53.7
Average Day Time Leq dB (A)			58.3	Average Night Time Leq dB (A)			56.1

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.


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



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 3-Sep-24

Reference Number : EQNX-001-LAB-N24-00-00200

U.S.R - TCGR2024000051491F

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 : 31-Aug-24 to 1-Sep-24
 Sampling Location : Near GT - 11 Area Date of Receipt : 1-Sep-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	31-Aug-24	18:20	72.4	1-Sep-24	7:20	62.1	
2	31-Aug-24	19:20	70.1	1-Sep-24	8:20	63.2	
3	31-Aug-24	20:20	68.2	1-Sep-24	9:20	65.1	
4	31-Aug-24	21:20	65.5	1-Sep-24	10:20	68.2	
5	31-Aug-24	22:20	66.3	1-Sep-24	11:20	70.3	
6	31-Aug-24	23:20	64.5	1-Sep-24	12:20	67.8	
7	1-Sep-24	0:20	63.7	1-Sep-24	13:20	66.9	
8	1-Sep-24	1:20	62.8	1-Sep-24	14:20	65.2	
9	1-Sep-24	2:20	58.4	1-Sep-24	15:20	68.1	
10	1-Sep-24	3:20	58.3	1-Sep-24	16:20	67.0	
11	1-Sep-24	4:20	60.1	1-Sep-24	17:20	66.4	
12	1-Sep-24	5:20	58.2				
13	1-Sep-24	6:20	59.4				
		Day Time L_{max}	72.4			Night Time L_{max}	66.3
		Day Time L_{min}	58.4			Night Time L_{min}	58.2
		Average Day Time Leq dB (A)	66.5			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 CPCB Guideline.


 Assistant Manager - A/E
 (Authorized Signatory)
 Mr. Abul Maudham



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****END OF REPORT****



Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Sep-24

Reference Number : EQNX-001-LAB/N/24/09-06588

ULR - TC682024C0DD066267F

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 : 16-Sep-24 to 17-Sep-24

Sampling Location : Near Store Area

Date of Receipt : 17-Sep-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-Sep-24	11:26	52.1	17-Sep-24	0:26	51.2	
2	16-Sep-24	12:28	50.1	17-Sep-24	1:26	58.4	
3	16-Sep-24	13:28	51.7	17-Sep-24	2:26	67.3	
4	16-Sep-24	14:26	52	17-Sep-24	3:26	64.9	
5	16-Sep-24	15:26	53.4	17-Sep-24	4:26	61.3	
6	16-Sep-24	16:26	64.5	17-Sep-24	5:26	58.4	
7	16-Sep-24	17:26	50.3	17-Sep-24	6:26	59.6	
8	16-Sep-24	18:26	59.1	17-Sep-24	7:26	60.8	
9	16-Sep-24	19:26	53.2	17-Sep-24	8:26	57.4	
10	16-Sep-24	20:26	59.4	17-Sep-24	9:26	56.5	
11	16-Sep-24	21:26	61	17-Sep-24	10:26	55.9	
12	16-Sep-24	22:26	58.3				
13	16-Sep-24	23:26	54.4				
		Day Time L_{max}	64.5		Night Time L_{max}	67.3	
		Day Time L_{min}	50.1		Night Time L_{min}	51.2	
Average Day Time Leq dB (A)			56.6	Average Night Time Leq dB (A)			59.3

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 Guidline.



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



TC-6820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Sep-24

Reference Number : EQNX-001-LAB-N-24-09-08559

ULR - TC682024000068268F

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 : 16-Sep-24 to 17-Sep-24
 Sampling Location : Near Time Office Area Date of Receipt : 17-Sep-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-Sep-24	11:24	53.4	31-Aug-24	0:24	59.4	
2	16-Sep-24	12:24	54.5	31-Aug-24	1:24	70.1	
3	16-Sep-24	13:24	57.9	31-Aug-24	2:24	69.1	
4	16-Sep-24	14:24	61.4	31-Aug-24	3:24	59.2	
5	16-Sep-24	15:24	67.3	31-Aug-24	4:24	68.5	
6	16-Sep-24	16:24	67.4	31-Aug-24	5:24	70.4	
7	16-Sep-24	17:24	63.9	31-Aug-24	6:24	58.4	
8	16-Sep-24	18:24	62.7	31-Aug-24	7:24	59.1	
9	16-Sep-24	19:24	59.4	31-Aug-24	8:24	61.5	
10	16-Sep-24	20:24	56.4	31-Aug-24	9:24	63.6	
11	16-Sep-24	21:24	56.9	31-Aug-24	10:24	61.9	
12	16-Sep-24	22:24	58.9				
13	16-Sep-24	23:24	55.9				
		Day Time L_{max}	67.4		Night Time L_{max}	70.4	
		Day Time L_{min}	53.4		Night Time L_{min}	58.9	
Average Day Time Leq dB (A)			60.5	Average Night Time Leq dB (A)			66.6

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 Guidline.


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



TC-6820



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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Sep-24

Reference Number : EQNX-001-LAB-N:24:09:06500

ULR - TC682024000065285F

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. Pawai, Dist. Raigad.
 Contact Person : Madan Popota

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00
 Date of Sampling : 17-Sep-24 To 18-Sep-24
 Sampling Location : Near GT 2 Area
 Date of Receipt : 18-Sep-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-Sep-24	14:35	76.2	18-Sep-24	3:35	54.4	
2	17-Sep-24	15:35	66.3	18-Sep-24	4:35	53.7	
3	17-Sep-24	16:35	65.7	18-Sep-24	5:35	49.2	
4	17-Sep-24	17:35	69.3	18-Sep-24	6:35	55.2	
5	17-Sep-24	18:35	66.9	18-Sep-24	7:35	77.6	
6	17-Sep-24	19:35	58	18-Sep-24	8:35	77.2	
7	17-Sep-24	20:35	69.2	18-Sep-24	9:35	76.4	
8	17-Sep-24	21:35	65	18-Sep-24	10:35	76.4	
9	17-Sep-24	22:35	58.2	18-Sep-24	11:35	76.2	
10	17-Sep-24	23:35	58.4	18-Sep-24	12:35	79.2	
11	18-Sep-24	0:35	57.2	18-Sep-24	13:35	68.4	
12	18-Sep-24	1:35	58.1				
13	18-Sep-24	2:35	53.1				
		Day Time L_{day}	79.2			Night Time L_{NOR}	58.2
		Day Time L_{min}	55.2			Night Time L_{NYS}	49.2
Average Day Time Leq dB (A)			79.7	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 (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



TC-0823



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5. The information provided by customer may affect the validity of results.

****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Sep-24

Reference Number : EQNX-001/LAB-N/24/09/05591

ULR - TC082024000056286F

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 Popela

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00

Date of Sampling : 17-Sep-24 To 18-Sep-24

Sampling Location : Near Utility Area

Date of Receipt : 18-Sep-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-Sep-24	14:30	69.1	18-Sep-24	3:30	70.4	
2	17-Sep-24	15:30	75.4	18-Sep-24	4:30	72.8	
3	17-Sep-24	16:30	63.4	18-Sep-24	5:30	61.9	
4	17-Sep-24	17:30	63.9	18-Sep-24	6:30	59.9	
5	17-Sep-24	18:30	67.5	18-Sep-24	7:30	58.6	
6	17-Sep-24	19:30	69.7	18-Sep-24	8:30	56.9	
7	17-Sep-24	20:30	65.2	18-Sep-24	9:30	68.2	
8	17-Sep-24	21:30	75.3	18-Sep-24	10:30	67.4	
9	17-Sep-24	22:30	61.3	18-Sep-24	11:30	70.6	
10	17-Sep-24	23:30	69.2	18-Sep-24	12:30	68.3	
11	18-Sep-24	0:30	73.8	18-Sep-24	13:30	65.9	
12	18-Sep-24	1:30	66.1				
13	18-Sep-24	2:30	68.7				
		Day Time L _{MAX}	75.4			Night Time L _{MAX}	73.8
		Day Time L _{MIN}	58.6			Night Time L _{MIN}	61.3
Average Day Time Leq dB (A)			66.7	Average Night Time Leq dB (A)			68.0

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. Atul Mendhara



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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-Sep-24

Reference Number : EQNX.001.LAB.N:24:09:06592

ULR - TC68202400066283F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Despak 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 : 19-Sep-24 To 20-Sep-24

Sampling Location : Near WMA III Area

Date of Receipt : 20-Sep-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-Sep-24	13:15	71.3	20-Sep-24	2:15	58.9	
2	19-Sep-24	14:15	70.9	20-Sep-24	3:15	60.1	
3	19-Sep-24	15:15	69.2	20-Sep-24	4:15	59.2	
4	19-Sep-24	16:15	65.1	20-Sep-24	5:15	57.3	
5	19-Sep-24	17:15	66.5	20-Sep-24	6:15	62.5	
6	19-Sep-24	18:15	68.4	20-Sep-24	7:15	63.6	
7	19-Sep-24	19:15	69.3	20-Sep-24	8:15	65.7	
8	19-Sep-24	20:15	70.1	20-Sep-24	9:15	67.1	
9	19-Sep-24	21:15	67.2	20-Sep-24	10:15	68	
10	19-Sep-24	22:15	65.5	20-Sep-24	11:15	66.5	
11	19-Sep-24	23:15	64.0	20-Sep-24	12:15	69.4	
12	20-Sep-24	0:15	62.7				
13	20-Sep-24	1:15	61.8				
		Day Time L_{MAX}	71.3			Night Time L_{MAX}	65.5
		Day Time L_{MIN}	62.5			Night Time L_{MIN}	57.3
Average Day Time Leq dB (A)			67.5	Average Night Time Leq dB (A)			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
 (Authorised Signatory)
 Mr. Atul Mandhare



TC-6820



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5. The information provided by customer may affect the validity of results.

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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EGNX.001.LAB.N/24/09/06593 Report Issue Date : 23-Sep-24
 ULR - TC882024000066284F

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 : 19-Sep-24 To 20-Sep-24
 Sampling Location : Near IPA Gate Date of Receipt : 20-Sep-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-Sep-24	12:20	71.4	20-Sep-24	1:20	58.1	
2	19-Sep-24	13:20	70.1	20-Sep-24	2:20	56.7	
3	19-Sep-24	14:20	69.2	20-Sep-24	3:20	53.2	
4	19-Sep-24	15:20	68.5	20-Sep-24	4:20	57.8	
5	19-Sep-24	16:20	65.4	20-Sep-24	5:20	58.9	
6	19-Sep-24	17:20	63.1	20-Sep-24	6:20	62.1	
7	19-Sep-24	18:20	60.2	20-Sep-24	7:20	64.3	
8	19-Sep-24	19:20	58.9	20-Sep-24	8:20	65.5	
9	19-Sep-24	20:20	62.8	20-Sep-24	9:20	68	
10	19-Sep-24	21:20	61.7	20-Sep-24	10:20	69.9	
11	19-Sep-24	22:20	59.3	20-Sep-24	11:20	70.1	
12	19-Sep-24	23:20	63.1				
13	20-Sep-24	0:20	57.8				
		Day Time L_{MAX}	71.4			Night Time L_{MAX}	63.1
		Day Time L_{MIN}	58.9			Night Time L_{MIN}	53.2
Average Day Time Leq dB (A)			65.7	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
 (Authorised Signatory)
 Mr. Atul Mandhare



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EQNX.001:LAB:N:24:09:06396 Report Issue Date : 23-Sep-24
 ULR - TC692024000066289F

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.Parveer, Dist. Raigad.
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-20-00 Date of Sampling : 18-Sep-24 To 19-Sep-24
 Sampling Location : Near Acid Tank Area Date of Receipt : 19-Sep-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	18-Sep-24	16:07	67.9	18-Sep-24	5:07	54.3	
2	18-Sep-24	17:07	68.8	18-Sep-24	6:07	56.2	
3	18-Sep-24	18:07	65.4	18-Sep-24	7:07	57	
4	18-Sep-24	19:07	63.2	18-Sep-24	8:07	58.9	
5	18-Sep-24	20:07	62.1	18-Sep-24	9:07	60.3	
6	18-Sep-24	21:07	61.9	18-Sep-24	10:07	66.2	
7	18-Sep-24	22:07	53.2	18-Sep-24	11:07	66.9	
8	18-Sep-24	23:07	58.3	18-Sep-24	12:07	63.2	
9	19-Sep-24	0:07	55.4	19-Sep-24	13:07	65.4	
10	19-Sep-24	1:07	56.3	19-Sep-24	14:07	63.2	
11	19-Sep-24	2:07	54.2	19-Sep-24	15:07	68.3	
12	19-Sep-24	3:07	50.9				
13	19-Sep-24	4:07	53.2				
		Day Time L _{MAX}	68.8			Night Time L _{MAX}	63.2
		Day Time L _{MIN}	57			Night Time L _{MIN}	50.9
Average Day Time Leq dB (A)			63.4	Average Night Time Leq dB (A)			55.7

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



TC-6826



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue Date : 23-Sep-24

Reference Number : EQNX.001.LAB.N.24.09.06597

ULR - TC682024000065270F

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 : 18-Sep-24 To 19-Sep-24

Sampling Location : Near Methanol Gate

Date of Receipt : 19-Sep-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	18-Sep-24	16:40	61.3	19-Sep-24	5:40	50.4	
2	18-Sep-24	17:40	60.8	19-Sep-24	6:40	55.4	
3	18-Sep-24	18:40	67.8	19-Sep-24	7:40	56.3	
4	18-Sep-24	19:40	65.4	19-Sep-24	8:40	58.3	
5	18-Sep-24	20:40	66.2	19-Sep-24	9:40	60.9	
6	18-Sep-24	21:40	61.2	19-Sep-24	10:40	62.5	
7	18-Sep-24	22:40	58.3	19-Sep-24	11:40	63.5	
8	18-Sep-24	23:40	56.4	19-Sep-24	12:40	66.3	
9	19-Sep-24	0:40	55.2	19-Sep-24	13:40	67.2	
10	19-Sep-24	1:40	53.1	19-Sep-24	14:40	64.9	
11	19-Sep-24	2:40	55.9	19-Sep-24	15:40	61.8	
12	19-Sep-24	3:40	54.3				
13	19-Sep-24	4:40	51.9				
		Day Time L_{MAX}	67.8			Night Time L_{MAX}	66.3
		Day Time L_{MIN}	55.4			Night Time L_{MIN}	50.4
Average Day Time Leq dB (A)			62.4	Average Night Time Leq dB (A)			54.6

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. Atul Maadhare



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

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Reference Number : EGNX.001.LAB.N:24.09.05691 Report Issue Date : 24-Sep-24
 ULR - TC682024000066819F

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-20-00 Date of Sampling : 20-Sep-24 To 21-Sep-24
 Sampling Location : Near Main Gate K-6 Plant Date of Receipt : 21-Sep-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-Sep-24	14:45	64.5	21-Sep-24	3:45	62.4	
2	20-Sep-24	15:45	66.1	21-Sep-24	4:45	62.1	
3	20-Sep-24	16:45	63.0	21-Sep-24	5:45	61.7	
4	20-Sep-24	17:45	66.3	21-Sep-24	6:45	60.5	
5	20-Sep-24	18:45	64.8	21-Sep-24	7:45	59.3	
6	20-Sep-24	19:45	63.3	21-Sep-24	8:45	62.4	
7	20-Sep-24	20:45	63.7	21-Sep-24	9:45	60.2	
8	20-Sep-24	21:45	62.5	21-Sep-24	10:45	61.8	
9	20-Sep-24	22:45	60.2	21-Sep-24	11:45	59.7	
10	20-Sep-24	23:45	58.4	21-Sep-24	12:45	62.7	
11	21-Sep-24	0:45	59.3	21-Sep-24	13:45	63.3	
12	21-Sep-24	1:45	60.8				
13	21-Sep-24	2:45	60.5				
		Day Time L_{max}	66.3			Night Time L_{max}	62.4
		Day Time L_{min}	58.3			Night Time L_{min}	58.4
Average Day Time Leq dB (A)			62.8	Average Night Time Leq dB (A)			60.7

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 Guidline.


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



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****END OF REPORT****

Your Testing and Auditing Partner

ANNEXURE: 10

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,	95%
OS 16/4 & OS 17/1 (Additional land)	10,600	10,600	3.49	Bakul,Pimple,Jamun, Mango etc.	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):





DFPCL/K1 to K5/EHS/DISH/24-25/01

5th July-24

The Jt. Director,
Directorate of Industrial Safety and Health,
5th floor, Kokan Bhavan
CBD, Belapur-400614

Subject: Submission of On-site Mock drill Report at WNA-3 plant of K-1-K-5 DFPCL.

Respected Sir,

We are submitting herewith the report of On-site Mock drill, which was conducted on 27-June-24 at WNA-3 plant of K-1-K-5 DFPCL, at 19:43 hrs.(Silent Hours) for information and record.
Scenario: Chlorine gas leak from chlorine cylinder (50 Kg). Please acknowledge receipt of the same.


Thanking you,

Yours Truly,

For Deepak Fertilizers & Petrochemicals Corp. Ltd.,

Mr. Jeyaprakash M
Head-EHS
Encl: Mock drill Report.

कार्यालय - सह संचालक, औद्योगिक सुरक्षा व
आरोग्य संवाहक, सचिव
कोकण भवन (दिल्ली रोड)
खोली क्र. ५२२, पश्चिम भाग,
सीबीडी बेलापुर, नवी मुंबई - ४००६१४

	Check List	Mock Drill Reporting Format	Prepared by:	Checked by:	Approved by:
	Check List No.	EHS/Safety/SOP-03/F-01	Sr.Mgr. EHS	DGM EHS	Head-EHS
	Unit	DFPCL & MAL, K1 to K6	Version No	2	31.01.2024
		Revision No	0		

Report on On-site Emergency Mock drill (Level-II - Silent Hour/During shift change)

1.0	Date of Mock drill	27.06.2024
2.0	Time of Mock Drill	19:43 Hrs.
3.0	Location of Incident / Mock drill	WNA-3 Chlorination area
4.0	Type of emergency / Scenario	Chlorine gas leak from chlorine cylinder (50 Kg)
5.0	Details of Members involved in Mock drill:	1.Harish Ingale (CEC) 2. Mr. Nilesh More (Incident controller) 3. Mr. Shankar Thale (Emergency team leader)
6.0	Observer's Location	1. Incident Site (Mr.Akash Patil) 2. ECC - (Mr. Pradip Tandel) 3. OHC (Mr.Sandesh P)

7.0 Communication and Action

Sr. No.	Time Hrs.	Actions taken	Observation / Comment
---------	-----------	---------------	-----------------------

I) Action by Primary observer:

1	19:43 Hrs.	Inform to shift-In-charge about about chlorine gas leakage by Walkie-Talkie set	
2	19:43 Hrs.	Informed about wind direction	

II) Action by control room:

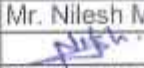
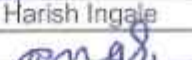
1	19:44 Hrs.	Received Message from field operator about chlorine gas leakage. Panel officer conveyed emergency message to fire department, Plant In-charge and adjacent control room.	
---	------------	--	--

III) Action at Field:

1	19:44 Hrs.	Shift In-charge arrived at site. .	
2	19:50 Hrs.	Fire & OHC crew along with Fire tender, fire jeep and ambulance arrived at incident site.	
3	19:51 Hrs.	One unconscious casualty shifted to OHC for further treatment. Mayura curtain arranged at site by fire team considering the wind direction. Area barricaded to avoid any entry of the persons in the risk zone by wearing PVC suit & SCBA set , confirmed the leak source & finally applied chlorine kit to arrest the leak.	
4	19:57 Hrs.	Emergency brought under control.	

IV) Action by Site Incident Controller (SIC):

1	19:44 Hrs.	Incident controller arrive at site	
2	19:45 Hrs.	Guided fire team to casualty management & to control the gas leak. Made contineous communication with CEC. Information given to ETP for the treatment of chlorine contaminated water.	

3	19:57 Hrs.	Emergency brought under control.	
V) Action by Chief Emergency Controller (CEC):			
1	19:44 Hrs.	Information received from Security S/I about the emergency	
2	19:45 Hrs.	Continuously taking feedback from the incident controller about the emergency situation , Casualty handling at incident site.	
3	19:57 Hrs.	Emergency brought under control.	
VI) Action by Fire crew / Fire shift In Charge:-			
1	19:43 Hrs.	On receipt of the message about emergency, fire shift In-charge handed over the charge to security shift In-charge & turned out to incident site immediately with fire tender, fire jeep & ambulance .	
2	19:50 Hrs.	Fire & OHC crew along with fire tender, fire jeep and ambulance arrived at incident site.	
3	19:51 Hrs.	One unconscious casualty shifted to OHC for further treatment. Mayura curtain arranged at site by fire team considering the wind direction. Area barricaded to avoid any entry of the persons in the risk zone by wearing PVC suit & SCBA set , confirmed the leak source & finally applied chlorine kit to arrest the leak.	
VII) Action by Security shift In charge:-			
1	19:44 Hrs.	Arrived at emergency control centre and took charge from fire shift In-charge.	
2		Informed to all concern team members about the incident as per communication protocol	
VIII) Action by Male Nurse / FMO (OHC Team):-			
1	19:43 Hrs.	Received information from Fire dept.	
2	19:44 Hrs.	Immediately ambulance turned out along with Fire vehicles.	
3	19:54 Hrs.	Casualty reported at OHC ,proper treatment given as per the guidelines.	
IX) Action to reduce the Environmental Impact:-			
1	Contaminated water was pumped and transfer to ETP for further treatment		
8.0 COMMENT ON RESOURCES:-			
1	Resources for the scenario found adequate.		
9.0 POSITIVE POINTS / SHORT COMING OF THE DRILL:-			
Positive Points			
1	All actions by Primary observer ,Site incident controller, Emergency crew members, male nurse and security were prompt		
Short coming			
1	Nil		
10.0 RECOMMENDATIONS:			
S.N.	Recommendations:	Responsibility	Target Date
	Nil		
1	Name of the Site Incident controller	Mr. Nilesh More	
	Signature of the Site Incident controller		
2	Name of the Chief Emergency Controller	Mr. Harish Ingale	
	Sign of the Chief Emergency controller		



DEEPAK FERTILISERS
AND PETROCHEMICALS
CORPORATION LIMITED



MOCK DRILL DATE : 27.06.2024 TIME : 19:43 HRS

LOCATION : WNA-3 Chlorination area

SCENARIO : Chlorine gas leak from chlorine cylinder (50 Kg)



MAHADHAN
AGRITECH
LIMITED

(Formerly known as Smarthen Technologies Limited)









Mockdrill Scenario

DOC Name	Mock Drill Effectiveness Evaluation	Prepared by:	Checked by:	Approved by:
	Doc Code			
Unit	DFFPCL & STL K1-K6	Version: 2.1	Date:	31.01.2024

Date : Time & Location

Dt. 27.06.24 : Time - 19:43 hrs : Location - WNA 3 Chlorination area

Chlorine gas leak from chlorine cylinder (50 Kg) , WNA 3 Chlorination area

SN	CRITERIA	Score	UNIT OF MEASUREMENT	MAXIMUM MARKS	MARKING CRITERIA					
					5	4	3	2	1	0
1	Mock Drill Planning Pre intimation to Sr. Management and clearance	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
2	Role of observers - Observers de-briefing before mock drill - All Briefed and demonstrated during mock drill - No ambiguity in role and recording)	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
3	Action by Primary observer									
a	Prompt and clear Communication (Scenario, casualty information, wind direction, required process or other actions)	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
b	Action for emergency containment (whatever in his/her scope), Alerting nearby peoples, area evacuation)	NA	Nos.	NA	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations

4	Action by Control Room												
a	Prompt and clear Communication to ECC, seniors, Adjutant control room, Maintenance crew (Scenario, casualty information, process actions)	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations			
b	Action for emergency containment (whatever in his/her scope)- plant emergency actions, Repetitive Alerting on PA system, In communication with	NA	Nos.	NA	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations			
c	Prompt and clear Communication To other control rooms (Scenario, casualty information, process actions)	NA	Nos.	NA	No Deviation								
5	Action by Site Incident Controller												
a	Prompt and clear Communication to ECC and control room for alert. Evacuation and All clear siren	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations			
b	Action for emergency containment (whatever in his/her scope)- plant emergency actions, Guiding emergency crew for combating emergency, casualty handling	4	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations			

6	Action by Fire and OHC crew												
a	Prompt turnout and reaching at incident site	5	Min.	5	RGP, JPA, AN Meit : 3 Min NPK Bagging : 4 Min CFB : 5 Min	1/2 Min Delay	1 Min Delay					2 Min Delay	
b	Using and Applying emergency equipment's, casualty handling and mobilization	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-			03 or more Deviations	
7	Action by Chief emergency Controller												
a	Prompt and clear Communication with control room and site emergency controller, Mobilising resources, Taking feedback from OHC, Decision of alert. [Evacuation and All clear siren	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-			03 or more Deviations	
8	Action by security shift in charge												
a	Prompt and clear Communication with designated personnel,	NA	Nos.	NA	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-			03 or more Deviations	
9	Action At OHC												
a	Using and Applying medical equipment, casualty handling and mobilization	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-			03 or more Deviations	

10	Action by any other agency like HR or other department (For E.g. In case of L1 or offsite drill-More departments like HR etc involved)	NA	Nos.	NA	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
11	Performance or functioning of communication equipment (Walkie Tally, PA system, Manual Call point) and emergency equipment such as Fire Extinguisher, Fire pumps, fire hydrants, sprinklers, hoses etc.	5	Nos.	5	Functioned as desired - No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System.	-	-	03 or more Deviations
12	Evacuation and head count at Assembly Point.	NA	Nos.	NA	Evacuation without ambiguity, orderly and matching of headcount	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
Total		54		55						
Overall Score: (Total score/Maximum Marks)		98.18	%							

If the rating is below 80 % , drill to be repeated



DFPCL/K1 to K5/EHS/DISH/24-25/02

10th Oct-24

The Jt. Director,
Directorate of Industrial Safety and Health,
5th floor, Kokan Bhavan
CBD, Belapur-400614

Subject: Submission of On-site Mock drill Report at IT Dept. of K-1-K-5 DFPCL.

Respected Sir,

We are submitting herewith the report of On-site Mock drill, which was conducted on 28-sept-24 at IT Dept. of K-1-K-5 DFPCL, at 17:05 hrs. for information and record.

Scenario: Fire at IT Room.

Please acknowledge receipt of the same.

Thanking you,

Yours Truly,

For Deepak Fertilizers & Petrochemicals Corp. Ltd.,

Mr. Jeyaprakash M
Head-EHS
Encl: Mock drill Report.

कार्यालय - सह संचालक, औद्योगिक सुरक्षा व
आरोग्य संचालनालय, रायगड
कोकण भवन (विस्तारित कक्ष)
छोली क. ५२२, ५ वा मजला,
सांबाडी बेलानूर, नवी मुंबई - ४००६१४

	Check List	Mock Drill Reporting Format	Prepared by:	Checked by:	Approved by:
	Check List	EHS/Safety/SOP-03/F-01	Sr.Mgr. EHS	DGM-EHS	Head-EHS
	Unit	DFPCL & MAL, K1 to K6	Version No Revision No	2 0	31.01.2024
1.0	Date of Mock drill	28.09.2024			
2.0	Time of Mock Drill	17:05 Hrs.			
3.0	Location of Incident / Mock drill	IT Room DFPCL K1			
4.0	Type of emergency / Scenario	Fire at IT Room (Level-2)			
5.0	Details of Members involved in Mock drill:	1.Mr. Nitin Salavkar (Emergency team leader) 2.Miss Asmita Shinde (Primary Observer) 3.Mr.Ganesh Rane (IT Staff) 4.Mr.Atul Jadhav(IT Staff) 5.Mr.Nitish Mhatre (IT Staff) 6.Mr.Rajesh Yerguntala (IT Staff) 7.Mr.Soham Suryanshi (IT Staff)			
6.0	Observer's Location	Incident Site (Mr.Rakesh Mhatre)			
7.0	Communication and Action				
Sr. No.	Time Hrs.	Actions taken		Observation / Comment	
I) Action by Primary observer:					
1	17:05 Hrs	Observed fire at IT room , informed to Emergency control center			
2		Primary observer tried to extuiguish the fire with fire extinguisher.			
3		Alert the people working neaby the IT Room.			
II) Action at Field:					
1	17:06 Hrs	IT technician tried to extinguished fire with the hepl of Fire Extinguishers.			
2	17:06 Hrs	Alert the people working neaby the IT Room.			
3	17:08 Hrs	All employees of IT dept Evacuated safely & assembled at assembly point (Evacuation done with crwaling method)			
4	17:08 Hrs	Emergency crew members arrived at site.Extinguished fire with the help of Fire ext. by wearing Nomax suit & SCBA set.Area barrication done. Searched entire room for any casulty other than IT team.			
5	17:08 Hrs	Head-count done by IT supervisor at assembly point , all employees reported at assembly point.No any found missing.			
6	17:12 Hrs	Emergency brought under control.			
8.0	COMMENT ON RESOURCES:-				
1	Resources for the scenario found adequate.				
9.0	POSITIVE POINTS / SHORT COMING OF THE DRILL:-				
Positive Points					
1	All actions by Primary observer, Emergency crew members, IT staff were prompt				
Short coming					
1	NIL				
10.0	RECOMMENDATIONS:				
S.N.	Recommendations:		Responsibility	Target Date	
1	Refresher training to be imparted for IT staff for use of Portable Fire extinguishers		Fire Officer	30.10.24	
1	Name of the Site Incident controller		Mr.Ganesh Rane		
	Signature of the Site Incident controller				
2	Name of the Chief Emergency Controller		Mr.Mangesh Shinde		
	Sign of the Chief Emergency controller				



DOC Name	Mock Drill Effectiveness Evaluation	Prepared by:	Checked by:	Approved by:
Doc Code	EHS/Safety/S OP-03/F-03	Sr.Mgr. EHS	DGM-EHS	Head-EHS
Unit	DFPCL & MAL, K1 to K6	Version: 2.1	Date:	31.01.2024

Mockdrill Scenario

Fire at IT Room (Level-2)

Date : Time & Location

Dt. 28.09.24 ; Time - 17:05 hrs ; Location - IT Room K1

SN	CRITERIA	Score	UNIT OF MEASUREMENT	MAXIMUM MARKS	MARKING CRITERIA					
					5	4	3	2	1	0
1	Mock Drill Planning Pre intimation to Sr. Management and clearance	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
2	Role of observers - Observers de- briefing before mock drill - All Briefed and demonstrated during mock drill - No ambiguity in role and recording)	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
3	Action by Primary observer									
a	Prompt and clear Communication (Scenario, casualty information, wind direction, required process or other actions)	5	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations
b	Action for emergency containment (whatever in his/her scope), Alerting nearby peoples, area evacuation)	4	Nos.	5	No Deviation	01 Minor Deviation but not causing delay in Mock Drill Response	02 Minor Deviation but not causing delay in Mock Drill Response	-	-	03 or more Deviations

a	Prompt turnout and reaching at incident site	0	Min.	0	RGP, IPA, AN Melt : 3 Min NPK Bagging : 4 Min, K-6 : 5 Min CFB : 5 Min	1/2 Min Delay	1 Min Delay			2 Min Delay
b	Using and Applying emergency equipment's, casualty handling and mobilization	0	Nos.	0	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
7	Action by Chief emergency Controller									
a	Prompt and clear Communication with control room and site emergency controller, Mobilising resources, Taking feedback from OHC, Decision of alert. Evacuation and All clear siren	0	Nos.	0	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
8	Action by security shift In charge									
a	Prompt and clear Communication with designated personnel,	0	Nos.	0	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
9	Action At OHC									
a	Using and Applying medical equipment, casualty handling and mobilization	0	Nos.	0	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations

10	Action by any other agency like HR or other department (For E.g. in case of L1 or offsite drill-More departments like HR etc involved)	NA	Nos.	NA	No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
11	Performance or functioning of communication equipment (Walkie Talky, PA system, Manual Call point) and emergency equipment such as Fire Extinguisher, Fire pumps , fire hydrants, sprinklers , hoses etc.	4	Nos.	5	Functioned as desired - No Deviation	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
12	Evacuation and head count at Assembly Point.	5	Nos.	5	Evacuation without ambiguity, orderly and matching of headcount	01 Minor Deviation but not causing delay in use of Safety System	02 Minor Deviation but not causing delay in use of Safety System	-	-	03 or more Deviations
Total		37		40						

Overall Score: (Total score/Maximum Marks)	92.5	%
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Note: If the rating is below 80 % (drill to be repeated)



DEEPAK FERTILISERS
AND PETROCHEMICALS
CORPORATION LIMITED



MOCK DRILL DATE : 28.09.2024 TIME : 17:05 HRS

LOCATION : IT Room K-1 (DFPCL)

SCENARIO : Fire @ IT Room



MAHADHAN
AGRITECH
LIMITED

(Formerly known as Srujanchem Technologies Limited)







Environment Management Plan (EMP) Cost FY 2024-25		
Sr No.	Particular	Cost (Rs.)
1	Environmental Monitoring (JVS sampling, Third party Moef&cc approved lab environment monitoring (stacks, ambient Air, water (every cooler), waste water, noise).	2050000
2	Maintanance cost of Green Belt.	3014153
3	Chemical consumption cost for effluent treatment	150000
4	OCEMS (Emission & Effluent) system upkeeping	600000
5	Water conservation project through treatment process by ETP upgrdation	1900000
6	Plastic waste recycleing cost	2500000
	Total	10214153

EQUINOX TEST REPORT

Report Issue date: 26-Apr-24

Reference Number : EQNX.001:LAB: W:24:04:04749 A

ULR-TC682024000035591F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited	Sampling Location : Ground Floor, ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Panvel, Dist. Raigad	Sample Description : ETP Outlet Water
Contact Person : Madan Popeta	

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-01	Date of Sampling : 19-Apr-24
	Date of Receipt : 20-Apr-24
Sample Drawn By : Equinox Labs - Jilendra Kacheshwar Ahire	Date of Start of Analysis : 20-Apr-24
Sample Quantity & Condition : 4 Ltr. water in a white HDPE bottle is intact without any leaks or breaks.	Date of End of Analysis : 25-Apr-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	7.43	6.5 to 8.5
2	Total Dissolved Solids	mg / l	IS 3025 : Part 16 : 2023	1870.0	Max 2100
3	Chemical Oxygen Demand	mg / l	IS 3025 : Part 58 : 2006	36.1	Max 250
4	Biochemical oxygen demand (3 days at 27°C)	mg / l	IS 3025 : Part 44 : 2023	11.0	Max 100
5	Oil & Grease	mg / l	IS 3025 : Part 39 : 2021	<4.0	Max 10
6	Total Suspended Solids	mg / l	IS 3025 : Part 17 : 2022	32.0	Max 100
7	Nitrate Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	17.7	Max 20
8	Fluoride as F	mg / l	IS:3025(Part50)-2008 Reaff.2019	<0.1	Max 10
9	Residual Free Chlorine	mg / l	IS-3025(Part26) : 2021	<0.05	Not Specified
10	Cyanide as CN	mg / l	IS:3025(Part27)-Sec 1 : 2021	<0.01	Not Specified
11	Phenol	mg / l	IS 3025 Part 43 : Sec 1 : 2022	<0.001	Not Specified
12	Phosphorus	mg / l	IS 3025 Part 31 : 1988	0.2	Not Specified



Your Testing and Auditing Partner

Reference Number : EQNX:001:LAB: W-24:04:04749 A

ULR-TC682024000035591F

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	<0.001	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	<0.01	Not Specified
8	Zinc as Zn	mg / l	SOP-CHM-27-01 PART B 2022	<1.0	Not Specified

*Limits as per Environment Protection Rules 1986 Schedule VI

Remark: The samples Conform to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More




Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

Note:

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue date: 26-Apr-24

Reference Number : EQNX:001:LAB: W:24:D4:04749 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies 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-01-01	Date of Sampling : 19-Apr-24
	Date of Receipt : 20-Apr-24
Sample Drawn By : Equinox Labs - Jitendra Kacheshwar Ahire	Date of Start of Analysis : 20-Apr-24
Sample Quantity & Condition : 4 Ltr. water in a white HOPE bottle is intact without any leaks or breaks.	Date of End of Analysis : 25-Apr-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	26.0	Not Specified
2	Free Ammoniacal Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	1.7	Max 4
3	Dissolved Phosphate	mg / l	IS 3025 : Part - 31 : 1988	2.3	Max 5
4	Total Kjeldahl Nitrogen	mg / l	IS 3025 : Part - 34 : 1988	4.4	Max 75
5	Free Cyanide	mg / l	IS 3025 : Part - 27 :Sec I : 2021	<0.01	Not Specified
6	Total Ammonical Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff. 2019	3.0	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 Environment Protection Rules 1986 Schedule VI

Remark: The samples Conform to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More




Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report issue date: 16-May-24

Reference Number : EQNX:001:LAB: W:24:05:02884 A

ULR - TC682024000028819F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies 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 (V-Notch)
Contact Person : Madan Popeta	

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-01	Date of Sampling : 8-May-24
	Date of Receipt : 11-May-24
Sample Drawn By : Equinox Labs - Haridas Madhukar Kahandole	Date of Start of Analysis : 11-May-24
Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks or breaks.	Date of End of Analysis : 16-May-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	7.92	6.5 to 8.5
2	Total Dissolved Solids	mg / l	IS 3025 : Part 16 : 2023	1980.0	Max 2100
3	Chemical Oxygen Demand	mg / l	IS 3025 : Part 58 : 2006	60.8	Max 250
4	Biochemical oxygen demand (3 days at 27°C)	mg / l	IS 3025 : Part 44 : 2023	18.8	Max 100
5	Oil & Grease	mg / l	IS 3025 : Part 39 : 2021	<4.0	Max 10
6	Total Suspended Solids	mg / l	IS 3025 : Part 17 : 2022	42.0	Max 100
7	Nitrate Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	18.4	Max 20
8	Fluoride as F	mg / l	IS:3025(Part60)-2008 Reaff.2019	<0.1	Max 10
9	Residual Free Chlorine	mg / l	IS:3025(Part26) : 2021	<0.05	Not Specified
10	Cyanide as CN	mg / l	IS:3025(Part27)-Sec 1 : 2021	<0.01	Not Specified
11	Phenol	mg / l	IS 3025 Part 43 : Sec 1 : 2022	<0.001	Not Specified
12	Phosphorus	mg / l	IS 3025 Part 31 : 1988	0.9	Not Specified



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Your Testing and Auditing Partner

Group: Residue and Contamination in Water

Heavy Metals :

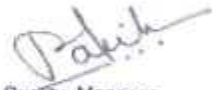
Sr. No.	Chemical Parameters	Units	Methods	Results of Analysis	Limits*
1	Arsenic	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
2	Cadmium as Cd	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
3	Chromium as Cr	mg / l	SOP-CHM-27-01 PART B 2022	<0.001	Not Specified
4	Copper	mg / l	SOP-CHM-27-01 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	<0.01	Not Specified
8	Zinc as Zn	mg / l	SOP-CHM-27-01 PART B 2022	<1.0	Not Specified

*Limits as per Environment Protection Rules 1986 Schedule VI

Remark: The samples Conform to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More

Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

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Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue date: 16-May-24

Reference Number : EQNX:001:LAB: W:24:05:02884 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies Limited	Sampling Location : Ground Floor, ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Taleja, Tal. Panvel, Dist. Raigad	Sample Description : ETP Outlet (V-Notch)
Contact Person : Madan Popeta	

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-01	Date of Sampling : 8-May-24
	Date of Receipt : 11-May-24
Sample Drawn By : Equinox Labs - Haridas Madhukar Kahandole	Date of Start of Analysis : 11-May-24
Sample Quantity & Condition : 1 Ltr. water in a white HDPE bottle is intact without any leaks or breaks.	Date of End of Analysis : 16-May-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	26.0	Not Specified
2	Free Ammoniacal Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	3.3	Max 4
3	Dissolved Phosphate	mg / l	IS 3025 : Part - 31 : 1988	4.4	Max 5
4	Total Kjeldahl Nitrogen	mg / l	IS 3025 : Part - 34 : 1988	4.3	Max 75
5	Free Cyanide	mg / l	IS 3025 : Part - 27 : Sec I : 2021	<0.01	Not Specified
6	Total Ammonical Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff. 2019	7.2	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 Environment Protection Rules 1986 Schedule VI

Remark: The samples Conform to the Environment Protection Rules 1986 Schedule VI Guidelines for the parameters tested.



Sr. Chemist
(Authorised Signatory)
Ms. Sharayu More

Quality Manager
(Authorised Signatory)
Mrs Manisha Kharade

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****END OF REPORT****

Your Testing and Auditing Partner

EQUINOX TEST REPORT

Report Issue date: 4-Jul-24

Reference Number : EQNX.001:LAB: W:24:06:09325 A

ULR - TC882024000044087F

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies 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 : 26-Jun-24

Date of Receipt : 27-Jun-24

Sample Drawn By : Equinox Labs - Jitendra Kacheshwar Ahire

Date of Start of Analysis : 27-Jun-24

Sample Quantity & Condition : 4 Ltr. water in a white HDPE bottle is intact without any leaks or breaks.

Date of End of Analysis : 2-Jul-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	6.94	6.5 to 8.5
2	Total Dissolved Solids	mg / l	IS 3025 : Part 16 : 2023	2020.0	Max 2100
3	Chemical Oxygen Demand	mg / l	IS 3025 : Part 58 : 2006	64	Max 250
4	Biochemical oxygen demand (3 days at 27°C)	mg / l	IS 3025 : Part 44 : 2023	20.6	Max 100
5	Oil & Grease	mg / l	IS 3025 : Part 39 : 2021	<4.0	Max 10
6	Total Suspended Solids	mg / l	IS 3025 : Part 17 : 2022	28.0	Max 100
7	Nitrate Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	5.7	Max 20
8	Fluoride as F	mg / l	IS:3025(Part60)-2008 Reaff.2019	<0.1	Max 10
9	Residual Free Chlorine	mg / l	IS:3025(Part26) : 2021	<0.05	Not Specified
10	Cyanide as CN	mg / l	IS:3025(Part27)-Sec 1 : 2021	<0.01	Not Specified
11	Phenol	mg / l	IS 3025 Part 43 : Sec 1 : 2022	<0.001	Not Specified
12	Phosphorus	mg / l	IS 3025 Part 31 : 1988	7.7	Not Specified



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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, Bangalore, Hyderabad, Noida, Kolkata, Chennai

+91 22 50647422

info@equinoxlab.com

www.equinoxlab.com

Reference Number : EQNX.001-LAB: W:24:06:09325 A

ULR - TC882024000044087F

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	<0.001	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	0.17	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	0.015	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

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EQUINOX TEST REPORT

Report Issue date: 4-Jul-24

Reference Number : EQNX.001:LAB: W:24:06:09325 B

INFORMATION PROVIDED BY CUSTOMER

Client Name : M/s Smartchem Technologies 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 Water
 Contact Person : Madan Popeta

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol : SOP-ENV-01-02 Date of Sampling : 26-Jun-24
 Date of Receipt : 27-Jun-24
 Sample Drawn By : Equinox Labs - Jitendra Kacheshwar Ahire Date of Start of Analysis : 27-Jun-24
 Sample Quantity & Condition : 4 Ltr. water in a white HDPE bottle is intact without any leaks or breaks. Date of End of Analysis : 2-Jul-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	26.0	Not Specified
2	Free Ammoniacal Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff.2019	3.2	Max 4
3	Dissolved Phosphate	mg / l	IS 3025 : Part - 31 : 1988	4.6	Max 5
4	Total Kjeldahl Nitrogen	mg / l	IS 3025 : Part - 34 : 1988	5.6	Max 7.5
5	Free Cyanide	mg / l	IS 3025 : Part - 27 : Sec I : 2021	<0.01	Not Specified
6	Total Ammonical Nitrogen	mg / l	IS:3025(Part34)-1988 Reaff. 2019	36.4	Max 50

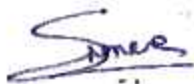
Group: Residue and Contamination in Water

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

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TEST REPORT

ULR-TC682024000047156F
Report Issue Date : 18-Jul-2024
Report Number : 001:EW:24:07:02484
Reference Number : EQNX:001:EW:24:07:02484/A



NABL Scope

TC-4833

Information Provided by Customer

Client Name : Smartchem Technologies Limited Sampling Location : ETP Plant
Address : Plot Nos. K-1, K-1 (Part-1), K-1 (Part 2), Sample Type : Waste Water & Effluent
 MIDC Taloja, Tal. Panvel, Dist.
 Raigarh, 410208, Taloja, Maharashtra, India-
 410208
Contact Person : Madan Popeta Sample Description : ETP Outlet

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02 Sample Drawn by : Equinox Labs - Vishnu Rajguru
Quantity & Condition : 4 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
08-Jul-2024	09-Jul-2024	09-Jul-2024	13-Jul-2024

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

Discipline : Chemical Group : Pollution and Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified
2	pH - Value at 25°C	-	IS 3025 (Part 11)	8.4	6.5-8.5
3	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	89.3	Max 250
4	Nitrate Nitrogen	mg/l	IS 3025 (Part 34)	4.3	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)	1390.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	<1.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	27.3	Max 100
9	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified

TEST REPORT

ULR-TC682024000047156F
Report Issue Date : 18-Jul-2024
Report Number : 001:EW:24:07:02484
Reference Number : EQNX:001:EW:24:07:02484/A



NABL Scope



TC-4833

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
10	Total Kjeldahl Nitrogen	mg/l	IS 3025 (Part 34)	9.1	Max 75
11	Phosphorous	mg/l	IS 3025 (Part 31)	1.6	Not Specified

Discipline : Chemical Group : Pollution and Environment

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
2	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
3	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
4	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
5	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
6	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	< 1.0	Not Specified

Comment : *Limits as per CTO

Remark : The sample conforms to the limits for the parameters tested.

Mrs. Manisha Kharade
Quality Manager
(Authorised Signatory)

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TEST REPORT

Report Issue Date : 18-Jul-2024
Report Number : 001:EW:24:07:02484
Reference Number : EQNX:001:EW:24:07:02484/B

Information Provided by Customer

Client Name : Smartchem Technologies Limited Sampling Location : ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), Sample Type : Waste Water & Effluent
MIDC Taloja, Tal. Panvel, Dist.
RaigarH,410208, Taloja, Maharashtra, India-
410208
Contact Person : Madan Popeta Sample Description : ETP Outlet

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02 Sample Drawn by : Equinox Labs - Vishnu Rajguru
Quantity & Condition : 4 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
08-Jul-2024	09-Jul-2024	09-Jul-2024	13-Jul-2024

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

Discipline : Chemical Group : Pollution and Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
2	Total Ammonical Nitrogen	mg/l	IS 3025 (Part 34)	3.8	Max 4
3	Dissolved Phosphate	mg/l	IS 3025 (Part 31)	4.8	Max 5
4	Free Ammoniacal Nitrogen	mg/l	IS 3025 (Part 34)	3.4	Max 4
5	Temperature	°C	IS 3025 (Part 9)	26.0	Not Specified
6	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
7	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Pollution and Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Copper	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
2	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

TEST REPORT

Report Issue Date : 18-Jul-2024
Report Number : 001:EW:24:07:02484
Reference Number : EQNX:001:EW:24:07:02484/B

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

Comment : *Limits as per CTO

Remark : The sample conforms to the limits for the parameters tested.



Quality Manager
(Authorised Signatory)
Mrs. Manisha Kharade



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TEST REPORT

ULR-TC882024000056117F
Report Issue Date : 28-Sep-2024
Report Number : 001:EW:24:08:02796
Reference Number : EQNX:001:EW:24:08:02796/A



Information Provided by Customer

Client Name : Smartchem Technologies Limited Sampling Location : ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), Sample Sub Group : Waste Water & Effluent
MIDC Talaja, Tal. Panvel, Dist.
Raigarh,410208,Taloja,Maharashtra,India-
410208
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. 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
09-Aug-2024	10-Aug-2024	10-Aug-2024	17-Aug-2024

Result of Analysis

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Residual Free Chlorine	mg/l	IS 3025 (Part 26)	<0.05	Not Specified
2	pH - Value at 25°C	-	IS 3025 (Part 11)	7.01	6.5-8.5
3	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58)	24.6	Max 250
4	Nitrate Nitrogen	mg/l	IS 3025 (Part 34)	19.7	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)	780.0	Max 2100
7	Total Suspended Solids	mg/l	IS 3025 (Part 17)	26.0	Max 100
8	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	8.0	Max 100

Your Testing and Auditing Partner

Page 1 of 3

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

TEST REPORT

ULR-TC682024000056117F
Report Issue Date : 28-Sep-2024
Report Number : 001:EW:24:08:02796
Reference Number : EQNX:001:EW:24:08:02796/A



Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
9	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
10	Phosphorous	mg/l	IS 3025 (Part 31)	1.3	Not Specified

Discipline : Chemical Group : Water

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Total Kjeldahl Nitrogen	mg/l	IS 3025 (Part 34)	5.5	Max 75

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
2	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
3	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	0.034	Not Specified
4	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
5	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
6	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	1.862	Not Specified

Comment : *Limits as per CTO

Remark : The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade
Quality Manager
(Authorised Signatory)



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Page 2 of 3

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

TEST REPORT

ULR-TC682024000056117F
Report Issue Date : 28-Sep-2024
Report Number : 001:EW:24:08:02796
Reference Number : EQNX:001:EW:24:08:02796/A



NABL Scope



TC-6820

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Page 3 of 3

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

TEST REPORT

Report Issue Date : 28-Sep-2024
Report Number : 001:EW:24:08:02796
Reference Number :EONX:001:EW:24:08:02796/B

Information Provided by Customer

Client Name	: Smartchem Technologies Limited	Sampling Location	: ETP Plant
Address	: Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), MIDC Talaja, Tal. Panvel, Dist. RaigarH,410208,Talaja,Maharashtra,India-410208	Sample Sub Group	: Waste Water & Effluent

Contact Person : Madan Popeta	Sample Name : ETP Outlet Water
-------------------------------	--------------------------------

Particulars of Sample Analysed

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

Quantity & Condition : 4 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
09-Aug-2024	10-Aug-2024	10-Aug-2024	17-Aug-2024

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

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Fluoride as F	mg/l	IS 3025 (Part 60)	<0.1	Max 10
2	Total Ammonical Nitrogen	mg/l	IS 3025 (Part 34)	11.3	Max 50
3	Dissolved Phosphate	mg/l	IS 3025 (Part 31)	2.4	Max 5
4	Free Ammoniacal Nitrogen	mg/l	IS 3025 (Part 34)	3.8	Max 4
5	Temperature	°C	IS 3025 (Part 9)	26.0	Not Specified
6	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
7	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

Your Testing and Auditing Partner

Page 1 of 2

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

TEST REPORT

Report Issue Date : 28-Sep-2024
Report Number : 001:EW:24:08:02796
Reference Number :EQNX:001:EW:24:08:02796/B

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Copper	mg/l	SOP-CHM-27-01 (Part B)	0.024	Not Specified
2	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	0.37	Not Specified
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	0.1	Not Specified

Comment : *Limits as per CTO

Remark : The sample conforms to the limits for the parameters tested.



Dr. Manisha Kharade

Quality Manager
(Authorised Signatory)
Dr. Manisha Kharade



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Page 2 of 2

TEST REPORT

ULR-TC682024000065145F
Report Issue Date : 27-Sep-2024
Report Number : 001:EW:24:09:03796
Reference Number : EQNX:001:EW:24:09:03796/A



NABL Scope

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
9	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	IS 3025 (Part 44)	13.6	Max 100
10	Cyanide as CN	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
11	Phosphorous	mg/l	IS 3025 (Part 31)	14.4	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
2	Cadmium as Cd	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
3	Chromium as Cr	mg/l	SOP-CHM-27-01 (Part B)	< 0.001	Not Specified
4	Lead as Pb	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
5	Nickel as Ni	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
6	Zinc as Zn	mg/l	SOP-CHM-27-01 (Part B)	< 1.0	Not Specified

Comment : *Limits as per CTO

Remark : : The sample conforms to the limits for the parameters tested.

Dr. Manisha Kharade
Quality Manager
(Authorised Signatory)

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TEST REPORT

Report Issue Date : 27-Sep-2024
Report Number : 001:EW:24:09:03796
Reference Number : EQNX:001:EW:24:09:03796/B

Information Provided by Customer

Client Name : Smartchem Technologies Limited Sampling Location : ETP Plant
Address : Plot Nos. K-1,K-1 (Part-1), K-1 (Part 2), Sample Sub Group : Waste Water & Effluent
MIDC Taloja, Tal. Panvel, Dist.
RaigarH,410208, Taloja, Maharashtra, India-
410208
Contact Person : Madan Popeta Sample Name : ETP Outlet

Particulars of Sample Analysed

Sampling Protocol : SOP-ENV-01-02 Sample Drawn by : Equinox Labs - Vishnu Rajguru
Quantity & Condition : 4Ltr of sample in White HDPE Bottle is intact without any leaks .

Date of Sampling	Date of Receipt	Start Date of Analysis	End Date of Analysis
12-Sep-2024	13-Sep-2024	13-Sep-2024	18-Sep-2024

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

Discipline : Chemical Group : Pollution & Environment

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Total Ammonical Nitrogen	mg/l	IS 3025 (Part 34)	43.0	Max 50
2	Dissolved Phosphate	mg/l	IS 3025 (Part 31)	4.7	Max 5
3	Free Ammoniacal Nitrogen	mg/l	IS 3025 (Part 34)	3.8	Max 4
4	Temperature	°C	IS 3025 (Part 9)	26.5	Not Specified
5	Total Kjeldahl Nitrogen	mg/l	IS 3025 (Part 34)	22.0	Max 75
6	Free Cyanide	mg/l	IS 3025 (Part 27) Section 1	<0.01	Not Specified
7	Phenol	mg/l	IS 3025 (Part 43) Section 1	<0.001	Not Specified

Discipline : Chemical Group : Residue and Contamination in Water

TEST REPORT

Report Issue Date : 27-Sep-2024
Report Number : 001:EW:24:09:03796
Reference Number : EQNX:001:EW:24:09:03796/B

Sr.No	Parameters	Units	Methods	Results of Analysis	Limit
1	Copper	mg/l	SOP-CHM-27-01 (Part B)	< 0.01	Not Specified
2	Iron as Fe	ppb	SOP-CHM-27-01 (Part B)	< 0.1	Non Specified
3	Vanadium	mg/l	SOP-CHM-27-01 (Part B)	< 0.1	Not Specified

Comment : *Limits as per CTO

Remark : The sample conforms to the limits for the parameters tested.

Quality Manager
(Authorised Signatory)
Dr. Manisha Kharade



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