

To,
Additional Principal Chief Conservator of Forests
Ministry of Environment, Forest & Climate Change
Regional Office, (West Central Zone)
Ground floor, East wing,
New Secretary Building
Civil lines, Nagpur – 440001

Subject : Six-Monthly Environmental Compliance Status Report of Stipulated Conditions of Environmental Clearance.

Reference : Environmental Clearance No. SE1AA-EC-0000000263 dated 26th April, 2018


Respected Sir,

With reference to the above Subject, we are submitting Environmental Compliance Status Report of M/s Nouryon Chemicals India Pvt. Ltd. (Formerly M/s Akzo Nobel India Limited) located at Plot No. E-1B, 19, 20 & C-61 (Part/Part), MIDC Mahad, Taluka Mahad, District Raigad, Maharashtra; for the period from April 2024 to September 2024 along with supporting documents [Refer Enclosed Annexures].

We assure you for submission of six monthly environmental compliance status reports on regular basis.

Thanking you,

Yours faithfully
M/s Nouryon Chemicals India Pvt. Ltd.
(Formerly M/s Akzo Nobel India Limited)



Authorized Signatory

C. C. to : MoEF & CC, Delhi,
CPCB, Zonal office, Vadodara,
Environment Dept., Mantralaya, Mumbai,
MPCB, Mumbai (Sion).

**Six-Monthly Environmental Compliance Status Report
of Stipulated Conditions of Environmental Clearance**

(April 2024 to September 2024)

Submitted by

**M/s Nouryon Chemicals India Pvt. Ltd.
(Formerly M/s Akzo Nobel India Limited)**

Plot No. E - 18, 19, 20 & C- 61 (Part/Part)

MIDC Mahad, Mahad, Maharashtra

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CHAPTER 1 : INTRODUCTION & PROJECT DESCRIPTION

1.1 Introduction

The project of M/s Nouryon Chemicals India Pvt. Ltd. (Formerly M/s Akzo Nobel India Limited) is located at plot No. E-18, 19, 20 & C-61 (Part), MIDC Mahad, Taluka Mahad, District Raigad, Maharashtra; which is in notified industrial zone of Government of Maharashtra. This Project has awarded with environmental clearance by State Level Environment Impact Assessment Authority, vide letter No. SEIAA-EC-0000000263 dated 26.04.2018; copy enclosed as **Annexure-1**. The company was originally incorporated with name Akzo Nobel India Limited and name of company has changed to M/s Nouryon Chemicals India Pvt. Ltd. under the Companies act, 1956; incorporation certificate copies are enclosed as **Annexure-2**. Company has obtained consent with vide No. Format 1.0/CC/UAN No. MPCB CONSENT 0000187671/CR/2404000908 dated 11.04.2024; copy is enclosed as **Annexure-3**.

1.2 Project Description

Salient Features of the Project:

Location	Plot No. E-18, 19, 20 & C-61 (Part/Part), MIDC Mahad, Taluka Mahad, District Raigad, Maharashtra.		
Co-ordinates of the location	Latitude - 18°6'43.11"N Longitude - 73°29'27.24"E The elevation from mean sea level is 20 m.		
Location accessibility	Railway Station : Veer Railway Station is 17 km away from project site. Highway : National Highway No. 66 is 3.58 km away from project site.		
Type & Scale of industry	Large Scale Manufacturing Industry		
Cost of the project	90.83 Cr.		
Area statement	Total Plot Area - 86478.0 sq.m Total Built Up Area - 16597.90 sq.m (Built up area corrected as per BCC dated 21.08.2024) Green Belt Area - 28714.84 sq.m Parking Area - 9246.36 sq.m		
Product details/Byproduct details	Sr. No.	Product Name	Quantity in MT/M

	1.	Organic Peroxides (Pure)	284.96
	2.	Refilling/ blending of Metal Alkyls (Pure)	141.83
Raw materials (including process chemicals, catalysts & additives)	List Enclosed as Annexure-4 .		
Water supply	Source - Maharashtra Industrial Development Corporation. Permission has obtained from MIDC for water supply; copy enclosed as Annexure-5 and MIDC water bill copy of July, August, and September 2024 month is enclosed as Annexure-6 .		
Water requirement	Total - 640 CMD Domestic- 10 CMD Process - 470 CMD Cooling Tower & Boiler feed - 60 CMD Gardening - 100 CMD		
Effluent generation	Domestic/Sewage effluent - 8.0 CMD Trade effluent - 496 CMD		
Power	Source : MSEDCL, Total demand - 750 KVA		
Gaseous emissions from different sources	- From Boiler stack height 30 m. - From D.G. Set (500 KVA) stack height 10 m - From Diesel engine hydrant stack height 6 m - From Diesel engine sprinkler stack height 6.5 m - From scrubber stack height 16 m - From Process stack(HCl) height 10 m.		
Fuel	HSD- 82.5 Lit/Hr LDO - 571.2 Kg/Day		
Status of approvals from statutory bodies	1. Environmental Clearance. 2. Consent to Establish. 3. Consent to Operate. 4. Certificate of Incorporation. 5. Factory license		

1.3 Present Status of the Project

The project is at operational phase.

1.4 Purpose of the Report

This six-monthly environmental compliance status report has to be submitted as per the conditions stipulated in the Environmental Clearance. The aim of six monthly compliance is to verify:

- That the project does not have any adverse environmental impact in the project area and it's surrounding.
- Compliance achieved with the conditions stipulated in the Environmental Clearance.
- That the environmental mitigation measures as suggested in the approved Form-1, Consolidated form & Environmental Management Plan (EMP) is implemented by Project Management.
- The project proponent is implementing the environmental safeguards in true spirit.

CHAPTER 2 : COMPLIANCE STATUS ON STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE CONDITIONS

2.1 Conditions along with compliance status is discussed below in detail.

Sr. No.	Conditions of Environmental Clearance	Status of Compliance
SPECIFIC CONDITION:		
(i)	PP to take utmost care to mitigate the findings of the life cycle analysis to reduce global warming potential and increase the sustainability index.	Project proponent is taking care of environment. Life cycle analysis study has completed during EIA and proponent is taking care of mitigation findings of LCA.
GENERAL CONDITIONS:		
(i)	PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	Industry has provided ETP consisting of primary and secondary treatment and as per consent to operate vide No. Format 1.0/CC/UAN No. MPCB CONSENT 0000187671/CR/2404000908 dated 11.04.2024; schedule I (C); industry has permission to discharge treated effluent to MMA-CETP for further treatment and disposal. CETP NOC cop is enclosed as Annexure-7.
(ii)	73 TPH boiler should have stack height of 68 m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack.	Provided boiler capacity is 1.1 TPH & stack height is 30 meter; which is adequate stack height as per CPCB guidelines.
(iii)	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	Project proponent has consented to condition. No additional land will be used for any activity without obtaining prior environmental clearance.
(iv)	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Complied. Company is being taken utmost precaution for the health and safety of the people working in the unit as well as for protecting the environment by implementing QHSE policy and Standard Operating Process (SOP) for handling of Chemicals, Solid hazardous waste and solvents. Company conducts the periodic health checkup, mock drills, internal and external safety training for workers to ensure safe work environment within company premises.
(v)	Proper Housekeeping programmers	Complied.

	shall be implemented.	To ensure clean & obstacle free shop floor, housekeeping is being maintained at plant. Nine numbers of people has deputed for housekeeping.
(vi)	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	Preventive Maintenance has been carried out of pollution control system.
(vii)	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	Complied. A stack of 10 m height is provided to control and dispersion of pollutants from DG set (capacity-500 KVA).
(viii)	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	Complied. Rainwater harvesting for collection and groundwater recharge is installed. Attached Annexure- 8.
(ix)	Arrangement shall be made that effluent and storm water does not get mixed.	Complied. Effluent is being treated in ETP and treated effluent is being discharged to CETP for further treatment and disposal and separate storm water drainage line is provided to collect storm water therefore, there is no possibility to mix effluent and storm water.
(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.	Complied. Ground water monitoring has done through MoEF & NABL authorized laboratory; obtained results are within limit of standards. Report copies are enclosed as Annexure-9.
(xi)	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.	Complied. Noise levels are monitored through MoEF & NABL laboratory and results are well within limits as per standards, The report copy is enclosed as Annexure-10. PPE's such as earplugs earmuffs are provided to workers.
(xii)	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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	Complied. Noise levels are monitored through MoEF & NABL laboratory and results are well within limits as per standards, The report copy enclosed as Annexure-10. Acoustic enclosures, hoods and silencers are provided to all noise generating equipment's as per requirements. i.e. D.G. Set.

(xiii)	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.	Complied. After grant of the Environmental Clearance, Green belt to be developed 33% of the total plot area and we have planted the native trees over an area of 28714.84 sq.m which is 33% of the total plot area considering the criteria 1500 no. of trees per hector which was mentioned in the obtained ToR at the time of environmental clearance.
(xiv)	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.	Complied. Fire extinguisher system is provided at plant site and all raw materials are in liquid form; there is provision of dyke wall at storage area.
(xv)	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Complied. Occupational health surveillance of the employees/workers is being done and records are maintained as per Factories Act, copies are enclosed as Annexure-12 .
(xvi)	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Complied. Fire hydrant system has developed and implemented at plant site. Fire NOC has obtained from MIDC; copy enclosed as Annexure-13 .
(xvii)	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.	Complied. Authorization under Rule 5 of the Hazardous & Other Wastes (M & TM) Rules 2016 is obtained from Maharashtra Pollution Control Board, vide letter No. Format 1.0/CC/UAN No. MPCB CONSENT 0000187671/CR/2404000908 dated 11.04.2024 and hazardous waste is being stored in separate designated area and disposal through CHWTSDF, records are being maintained in the form of Manifest (Form-10); copies are enclosed as Annexure-14 . Annual return of hazardous waste (Form-4) is being submitted on MPCB portal copy is enclosed as Annexure-15 .
(xviii)	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.	It is being complied. Periodic mock drills are being carried out to identify required changes in on site emergency plan. The same is being updated as per requirement. Last mock drill is done for emergency preparedness dated 09.09.2024 ; mock

		drill report copy is enclosed as Annexure-16.																														
(xix)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. Separate environment management cell has provided for smooth working of environmental safeguards. Copy is enclosed as Annexure-17.																														
(xx)	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.	Complied. Separate funds are allocated for environmental protection measures /EMP, item-wise break-up is below. <table border="1" data-bbox="868 514 1510 1165"> <thead> <tr> <th>Sr. No.</th> <th>Cost of environmental protection measures</th> <th>Capital Cost & recurring cost (Rs.) in lacks</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Air Pollution Control</td> <td>0.6</td> </tr> <tr> <td>2.</td> <td>Water Pollution Control</td> <td>24.5</td> </tr> <tr> <td>3.</td> <td>Noise Pollution Control</td> <td>0.3</td> </tr> <tr> <td>4.</td> <td>Environment monitoring and Management</td> <td>1.2</td> </tr> <tr> <td>5.</td> <td>Occupational health and safety</td> <td>6.1</td> </tr> <tr> <td>6.</td> <td>Green Belt</td> <td>7.5</td> </tr> <tr> <td>7.</td> <td>Solid waste management</td> <td>4.64</td> </tr> <tr> <td>8.</td> <td>Rain water harvesting</td> <td>3.0</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total Cost</td> <td>47.84</td> </tr> </tbody> </table>	Sr. No.	Cost of environmental protection measures	Capital Cost & recurring cost (Rs.) in lacks	1.	Air Pollution Control	0.6	2.	Water Pollution Control	24.5	3.	Noise Pollution Control	0.3	4.	Environment monitoring and Management	1.2	5.	Occupational health and safety	6.1	6.	Green Belt	7.5	7.	Solid waste management	4.64	8.	Rain water harvesting	3.0	Total Cost		47.84
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(xxi)	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://ec.maharashtra.gov.in	Complied. Attached Annexure- 18																														
(xxii)	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 1 st June & 1 st December of each calendar year.	Project proponent has consented to condition. We ensure that submission of six monthly compliance status reports of stipulated conditions of environmental clearance to respective authorities on regular basis																														

(xxiii)	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.	Project proponent has consented to condition. EC copy is submitted to local MPCB office.
(xxiv)	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, SO ₂ , 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.	Project proponent has consented to condition. We ensure that submission of six monthly compliance status reports of stipulated conditions of environmental clearance with results of monitored data to respective authorities on regular basis. Monitoring of ambient air, stack, effluent and noise is being done through MoEF & NABL authorized laboratory and monitored data of criteria pollutants (SPM, RSPM, and SO ₂ & NO _x) is displayed near company main gate and it is being updated regularly. Monitoring report copies are enclosed as Annexure-19 .
(xxv)	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.	Project proponent has consented to condition. We ensure that submission of six monthly compliance status reports of stipulated conditions of environmental clearance including results of monitored data of stack, ambient air, effluent & noise to respective authorities on regular basis
(xxvi)	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 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.	Complied. Environmental statement report for financial year ending with September, 2024 is submitted; copy is enclosed as Annexure-20 . Status of compliance of EC conditions kept on company website.
1.	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any 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	Project proponent has consented to condition.

	under EP Act or 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, if any or action initiated under EP Act.	
2.	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Project proponent has consented to condition.
3.	The Environment department reserves the right to add any stringent condition or 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.	Project proponent has consented to condition.
4.	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF & CC Notification dated 29th April, 2015.	Project proponent has consented to condition. Company has obtained Consent to operate from MPCB and industry is in operation phase.
5.	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.	Project proponent has consented to condition.
6.	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.	Project proponent has consented to condition.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT ACT 1987

No. SEIAA/ENV/3/304217-2023

Environment & Climate Change
Department

Room No. 217, 2nd Floor,

Mantralaya, Mumbai - 400032.

Date: 22/11/2023.

To,

NOURYON CHEMICALS INDIA PRIVATE LIMITED

Plot No. F-18,19,20 & C-61(Part/Part) MIDC Area,


Mahad-Rajgad, Maharashtra, Maharashtra-402307

Sub: Transfer of Environmental Clearance granted to M/s. Akzo Nobel India Limited for Proposal for (f) Synthetic organic chemicals industry (dyes & dye intermediates located at Plot No. F-18,19,20 & C-61(Part/Part) MIDC Area, Mahad-Rajgad.

Ref: 1. Your application for transfer of EC - SEIAA/ENV/3/304217/2023.

2. EC Letter no. SEIAA/EC/000000269, dated 26/04/2018.

1. This has reference to your online application vide proposal No. SEIAA/ENV/3/304217/2023, in prescribed form - 7 and other documents for seeking transfer of Environmental Clearance (EC) of the project mentioned in the subject.
2. EC was granted to M/s. Akzo Nobel India Limited for Proposal for (f) Synthetic organic chemicals industry (dyes & dye intermediates, located at Plot No. F-18,19,20 & C-61(Part/Part) MIDC Area, Mahad-Rajgad, Kwa. you have applied for transfer of EC from M/s. Akzo Nobel India Limited to M/s. NOURYON CHEMICALS INDIA PRIVATE LIMITED, as you have taken over the project under reference.
3. You have submitted following documents in support of your application for transfer of EC -
 - i. Undertaking by transferee regarding acceptance of the terms and conditions in the EC letter dated 26/04/2018.
 - ii. Copy of authorization duly signed by the project proponent in support of the person making this application on behalf of the User Agency.
4. SEIAA noted the above facts and decided to transfer EC dated 26/04/2018 from M/s. Akzo Nobel India Limited to M/s. NOURYON CHEMICALS INDIA PRIVATE LIMITED.
5. This letter shall be read with the EC letter dated 26/04/2018.
6. All the other terms and conditions mentioned in the EC letter dated 26/04/2018 shall remain the same.


Pravin Dharak
District Secretary, SEIAA



Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: April 26, 2018

To,
Mr. Shrikant K. Kulkarni.
at Plot E-18, 19, 20 & C-61(Part), MIDC Mahad, Mahad

Subject: Environment Clearance for Akzo Nobel India Limited

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 143rd meeting and 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 115th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category schedule 5(f) category 'B1' as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Akzo Nobel India Limited
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shrikant K. Kulkarni.
4.Name of Consultant	Sadekar Enviro Engineers Pvt. Ltd. QCI NABET Accredited Consultancy :Certificate no. NABET/EIA/1518/ RA 020
5.Type of project	Not applicable. Brown field industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	no
8.Location of the project	Plot E-18, 19, 20 & C-61(Part), MIDC Mahad, Mahad
9.Taluka	Mahad
10.Village	Khaire
11.Area of the project	group gram panchyat Savane
12.IOD/IOA/Concession/Plan Approval Number	not applicable. industrial project IOD/IOA/Concession/Plan Approval Number: Not applicable. industrial project Approved Built-up Area: 8345.7
13.Note on the initiated work (If applicable)	no work is initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	not applicable. Plan will be submitted to MIDC, Mahad.
15.Total Plot Area (sq. m.)	86478 sq. m.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable Non FSI area (sq. m.): Not applicable Total BUA area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	Not applicable

SEIAA Meeting No: 115 Meeting Date: February 6, 2018 (SEIAA-STATEMENT-000000209)
SEIAA-MINUTES-000000360
SEIAA-EC-000000263

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	240400000



Government of Maharashtra



22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Organic Peroxides (Pure) Total	99.78	185.18	284.96
2	Refilling/ blending of Metal Alkyls (Pure)	66.67	75.17	141.83
3	Byproduct: Sodium chloride salt (NaCl)	0	108	108
23.Total Water Requirement				
Dry season:	Source of water	Not applicable		
	Fresh water (CMD):	Not applicable		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	Not applicable		
	Fire fighting - Underground water tank(CMD):	Not applicable		
	Fire fighting - Overhead water tank(CMD):	Not applicable		
	Excess treated water	Not applicable		
Wet season:	Source of water	Not applicable		
	Fresh water (CMD):	Not applicable		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	Not applicable		
	Fire fighting - Underground water tank(CMD):	Not applicable		
	Fire fighting - Overhead water tank(CMD):	Not applicable		
	Excess treated water	Not applicable		
Details of Swimming pool (If any)	Not applicable			



24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	5	5	10	1	1	2	4	4	8
Industrial Process	235	235	470	5	5	10	230	230	460
Cooling tower & thermopack	10	50	60	7	17	24	3	33	36
Gardening	100	0	100	100	0	100	0	0	0
Fresh water requirement	350	290	640	113	23	136	237	267	504

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	approx. 20 m below ground level
	Size and no of RWH tank(s) and Quantity:	1 RWH tank of 10,000 L will be provided
	Location of the RWH tank(s):	appropriate location will be decided as per architectural drawing
	Quantity of recharge pits:	no recharge pits are proposed
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	10,00,000
	Budgetary allocation (O & M cost) :	25,000
	Details of UGT tanks if any :	not applicable

26.Storm water drainage	Natural water drainage pattern:	site is MIDC developed land . MIDC drains are provided to each plot for drainage of storm water.
	Quantity of storm water:	0.03 cum/sec
	Size of SWD:	0.6*1*1796 m

27.Sewage and Waste water	Sewage generation in KLD:	4 CMD existing and after expansion total 8 CMD sewage will be generated
	STP technology:	sewage will be treated in aerobic treatment of ETP
	Capacity of STP (CMD):	No STP. ETP of 700 CMD capacity is provided for effluent treatment
	Location & area of the STP:	No STP. ETP is provided
	Budgetary allocation (Capital cost):	proposed cost for water treatment- Rs. 1,00,00,000
	Budgetary allocation (O & M cost):	Rs.12,00,000

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	in construction phase minor quantity construction waste will be generated.
	Disposal of the construction waste debris:	construction debris will be used for landfill inside the plot premise
Waste generation in the operation Phase:	Dry waste:	144 TPA scrap plastic and other non hazardous dry waste will be generated in operation phase
	Wet waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.
	Hazardous waste:	HW will be disposed at CHWTSDF or it will be sold to MPCB authorised recycler.
	Biomedical waste (If applicable):	if generated, it is disposed to authorised party
	STP Sludge (Dry sludge):	No STP sludge. it is estimated that 14 TPA ETP sludge will be produced during operation phase. it will be disposed to CHWTSDF
	Others if any:	--
Mode of Disposal of waste:	Dry waste:	total 144 MT/year scrap/ dry non hazardous waste will be generated will be sold to authorised recycler.
	Wet waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.
	Hazardous waste:	Hazardous wet waste will be disposed to CHWTSDF or it will be sold to authorised re-processor.
	Biomedical waste (If applicable):	if generated, it is disposed to authorised party
	STP Sludge (Dry sludge):	No STP sludge. it is estimated that 14 TPA dry ETP sludge will be produced during operation phase. it will be disposed to CHWTSDF
	Others if any:	not applicable
Area requirement:	Location(s):	additional 2002 sq. m. will be required for expansion of production activity as per plot layout.
	Area for the storage of waste & other material:	--
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	0
	O & M cost:	Rs. 3,00,000

Government of Maharashtra



29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	--	7.0	6.5-8.5
2	SS	mg/L	--	<10	100
3	BOD 3 days 27 deg. C	mg/L	--	37	100
4	COD	mg/L	--	112	250
5	oil and grease	mg/L	--	04	10
6	TDS	mg/L	--	1537	2100
7	Chlorides	mg/L	--	455	600
8	sulphates	mg/L	--	95	1000
9	% sodium	mg/L	--	623 (0.0623 %)	60%
10	phenolic compound	mg/L	--	0.3	5
11	TAN	mg/L	--	1.0	50
12	chromium (Cr+6)	mg/L	--	<0.1	0.1
13	sulphides (as S)	mg/L	--	<0.5	2.0
14	phosphates (as P)	mg/L	--	<0.5	5.0
15	Bioassay Test	--	--	90 % survival of fish after first 96 hrs. in 100 % effluent.	90 % survival of fish after first 96 hrs. in 100 % effluent.
Amount of effluent generation (CMD):		after expansion 504 CMD			
Capacity of the ETP:		700 CMD			
Amount of treated effluent recycled :		0			
Amount of water send to the CETP:		504 CMD			
Membership of CETP (if require):		Member of CETP Mahad. membership no. : 112			
Note on ETP technology to be used		Effluent stream segregation will be done on the basis of TDS concentration. High TDS stream will be first treated in salt recovery system and recovered water will be treated in 2 stage ETP consisting primary and secondary treatment. An ETP having 700 CMD capacity consisting of primary treatment and Sequential Batch Reactor as secondary treatment is presently employed to treat the effluent. An additional SBR of 250 CMD capacity will be provided.			
Disposal of the ETP sludge		To CHWTSDF or sell to MPCB authorised re-processor.			

**Government of
Maharashtra**



30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	alkali residue	12.2	TPA	20	--	20	CHWTSDF
2	chemicals containing residue from decontamination	33.1	TPA	2.4	2.6	5.0	CHWTSDF
3	used/ spend oil	5.1	TPA	2.4	2.4	4.8	MPCB authorized recycler
4	spent solvent	20.2	TPA	12	12	24	CHWTSDF/ MPCB authorized recycler
5	discarded containers/ barrels / liners/ plastic bags/ PPE	33.3	nos.	120	120	240	CHWTSDF/ MPCB authorized recycler
6	chemical sludge from wastewater treatment	34.3	TPA	7.2	6.8	14	CHWTSDF/ MPCB authorized recycler
7	evaporation salt (NaCl)	37.2	TPA	0	144	144	CHWTSDF/ MPCB authorized recycler
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG set (500 KVA)	135 L/hour HSD	1	10	0.15	265 C	
2	Scrubber (Process stack)	--	2	16	0.5	59 C	
3	Diesel engine stack-1	22 L/hr HSD	3	6.5	0.1	199 C	
4	Diesel engine stack-2	17 L/hr HSD	4	6	0.07	214 C	
5	Boiler stack	834 Kg/day LDO/ FO	5	30	0.3	160	
6	DG set (200 KVA)	Disconnected	--	--	--	--	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD	174 L/hr	0	174 L/hr			
2	LDO/ FO	0	834 Kg/day	834 kg/day			
Source of Fuel		local vendors					
Mode of Transportation of fuel to site		by road transportation					
33.Energy							

Government of
Maharashtra



Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1375 KW
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	1850 KW
	During Operation phase (Demand load):	1850 KW
	Transformer:	1000 KVA
	DG set as Power back-up during operation phase:	yes. existing 500 KVA DG will be used.
	Fuel used:	135 L/Hr HSD
	Details of high tension line passing through the plot if any:	Plot is in MIDC, Mahad. No high tension line is passing through the plot

34. Energy saving by non-conventional method:

--

36. Detail calculations & % of saving:

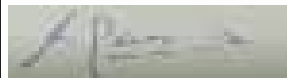
Serial Number	Energy Conservation Measures	Saving %
1		--

37. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
process emissions	1 alkali scrubber of 25 Cum/hr capacity is provided .	1 additional alkali scrubber of 50 cum/hr capacity will be provided
boiler emissions	presently no boiler is used in the plant	proposed FO/LDO run boiler will be provided stack as per CPCB guidelines.
DG set emissions	DG set is used in power cut only. Adequate stack height is provided as per guidelines.	no additional DG set is proposed. existing controlling methods will be used
sewage treatment	sewage is mixed with effluent and it is treated in sequencing batch reactor of ETP	existing treatment method will be utilised.
Diesel engine stacks	adequate stack height is provided	no additional diesel engines are proposed. Existing controlling methods will be used
process effluent treatment	A 700 CMD capacity ETP is used consisting of primary treatment and secondary treatment. sequencing batch reactors are employed for better aerobic treatment of the effluent. The treated effluent is discharged to CETP, Mahad MIDC.	effluent stream load segregation will be done on the basis of TDS load. high TDS effluent will be initially treated by a salt recovery system and salt is recovered from process effluent. the remaining low TDS process effluent is further treated in ETP and it will be discharged to CETP, Mahad. additional 250 CMD capacity SBR will be installed to provide higher retention time for secondary treatment which will ensures better effluent treatment.
Noise pollution	Acoustic enclosures, a housing is provided to noise generating equipment. periodic maintenance of equipment is done to reduce noise and vibrations.	additional equipment will be provided with acoustic enclosures to control noise pollution
Solid waste management	Non hazardous waste is sold to authorised scrap vendors. Hazardous waste is disposed to CHWTSDF or sold to MPCB authorised dealers as per HW category.	The existing treatment methods will be continued for additional waste generated. Salt recovered from the salt recovery system will be sold as byproduct.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	capital cost for additional energy requirement is included in project capital cost.
	O & M cost:	Rs. 5,00,000 for proposed energy requirement

38. Environmental Management plan Budgetary Allocation

SEIAA Meeting No: 115 Meeting Date: February 6, 2018 (SEIAA-STATEMENT-000000209) SEIAA-MINUTES-000000360 SEIAA-EC-000000263	Page 8 of 14	 Shri Satish.M.Gavai (Member Secretary SEIAA)
--	---------------------	--

a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	air pollution control	dust emission-construction of barriers, water sprinkling on emission sources, cement bags will be stored in closed area and handled appropriately., only PUC certified vehicles will be used for transportation of construction materials	2.00	
2	water pollution control	the sewage will be treated in ETP. the waste water which will be generated from construction processes will be treated in existing ETP	0.5	
3	noise pollution control	noise generating operations will be carries out only in daytime. the housing/ barriers will be provided for equipment.	0.5	
4	soil pollution control	land will be kept clean by proper housekeeping. The construction debris will be used for landfilling in the plant premise.	0.5	
5	Occupational health	Workers will be provided PPEs. Safety training will be provided to workers. medical facility and assistance will be provided to workers in emergency.	1.0	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	1 additional alkali scrubber of 50 cum/hr will be provided with appropriate stack height in the expansion phase. 3. The proposed FO/LDO run boiler will be provided stack as per CPCB norms.	15	1.2



2	Water Pollution Control	Effluent stream segregation will be done before treatment. High TDS effluent stream will be treated in salt recovery system and condensate will be mixed with low TDS stream and it will be treated in two stage ETP. Low TDS/COD stream will be treated in two stage ETP consisting of primary and secondary treatment. One additional SBR of 250 CMD capacity will be provided for secondary treatment.	1,00	12
3	Noise Pollution Control	Along with existing control measures, acoustic enclosures will be provided and better equipment maintenance will be done for effective noise pollution control.	-	0.5
4	Environment Monitoring and Management	periodic monitoring will be done inside the plant including ambient air monitoring, work place monitoring, source emission monitoring.	5	12
5	Occupational Health	Periodic safety training, health checkup of employees. Medical facilities are provided to employees.	2	0.5
6	Green Belt	the existing green belt will be maintained properly	--	3
7	Solid Waste Management	Solid hazardous waste will be disposed at CHWTSDF or it will be sold to MPCB authorized recyclers. Non hazardous waste will be disposed through MPCB authorized dealers. The salt which is recovered from high TDS effluent will be sold as byproduct.	--	3
8	Water conservation	RWH tank will be constructed for collection and use of roof top rain water	10	0.25

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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2-Ethyl hexyl chloroformate	Liquid	Drums	30	30	35	Local	road
Pivaloyl chloride	Liquid	Drums	8	8	10	Local	road
Benzoyl chloride	Liquid	Drums	30	30	13.7	Local	road
Isopropyl chloroformate	Liquid	Drums	10	10	1.5	Imported	Sea
Isododecane	Liquid	Drums	15	15	27	Imported	Sea
RAV 7AT	Liquid	Drums	25	25	5	Imported	Sea
Tert. butyhydroperoxide 70 %	Liquid	Drums	45	45	93	Imported	Sea
Hydrogen peroxide 70 %	Liquid	Tank	28	28	32.2	Local	road
Acetic acid	Liquid	Drums	2	2	1.4	Local	road
Sulphuric acid	Liquid	Drums	3	3	9.3	Local	road
Sodium hydroxide (30%)	Liquid	Tank	45	45	198	Local	road
Potassium hydroxide	Solid	Drums	3	3	2.2	Local	road
2-EHCL	Liquid	Drums	16	16	19	Local	road
Neo deconoyl chloride	Liquid	Drums	7.5	7.5	4.5	Local	road
Methanol	Liquid	Drums	12	12	30.3	Local	road
1,1,3,3 tetra methyl butyl Hydroperoxide	Liquid	Cans	12	12	4.5	Imported	Sea
Methyl ethyl ketone	Liquid	Drums	3	3	5.8	Local	road
Alcotex	Liquid	Drums	4	4	1	Imported	Sea
Toluene	Liquid	Drums	14.5	14.5	30.3	Local	road
Dequest 2060 S	Liquid	Drums	1.5	1.5	0.7	Imported	Sea
Isobutyryl Chloride	Liquid	Drums	40	40	93.3	Local	road
Acetyl acetone	Liquid	Drums	7	7	1.1	Imported	Sea
spirdane D60	Liquid	Drums	45	45	29.2	Imported	Sea
HCl 30%	Liquid	Tank	20	20	41	Local	Road
Isononanoyl Chloride	Liquid	Drums	16	16	16.3	Imported	Sea
Cyclohexanone	Liquid	Drums	2	2	1	Imported	Sea
Isononanoic Acid	Liquid	Drums	1	1	0.4	Imported	Sea
TBA	Liquid	Drums	6	6	2.1	Imported	Sea
Diisopropanol Benzene	Liquid	Drums	8	8	8.3	Imported	Sea
Sodium Perchlorate	Liquid	Drums	4	4	4.2	Local	Road
DHP	Liquid	Drums	5	5	4.2	Imported	Sea
Isopar H	Liquid	Drums	24	24	27.7	Imported	Sea

40. Any Other Information

No Information Available

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	CRZ/ RRZ clearance obtain, if any:	not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Scattered patches of Reserve Forest exist at an aerial distance of more than 5 km from the project site.
	Category as per schedule of EIA Notification sheet	schedule 5(f) category 'B1'
	Court cases pending if any	no
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	07-04-2017

3. The proposal has been considered by SEIAA in its 115th 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:

Specific Conditions:

I	PP to take utmost care to mitigate the findings of the life cycle analysis to reduce global warming potential and increase the sustainability index.
----------	--

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	73 TPH boiler should have stack height of 68m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack.
III	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
V	Proper Housekeeping programmers shall be implemented.
VI	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
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 does 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	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	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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
XIII	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.
XIV	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.
XV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XVI	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVII	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.
XVIII	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.

XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XX	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 and year-wise expenditure should reported to the MPCB & this department
XXI	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://ec.maharashtra.gov.in
XXII	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.
XXIII	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.
XXIV	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, SO ₂ , 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.
XXV	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.
XXVI	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.

Government of Maharashtra

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any 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 under EP Act or 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, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

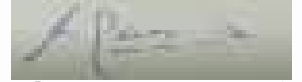
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. 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.

9. 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.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MPCB RAIGAD
10. REGIONAL OFFICE MIDC RAIGAD
11. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
12. COLLECTOR OFFICE RAIGAD

Government of
Maharashtra





भारत सरकार—कॉर्पोरेट कार्य मंत्रालय
कम्पनी रजिस्ट्रार कार्यालय, पश्चिम बंगाल

नाम परिवर्तन के पश्चात नया निगमन प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : L24292WB1954PLC021516

मैसर्स ICI INDIA LTD.

के मामले में, मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स
ICI INDIA LTD.

जो मूल रूप में दिनांक बारह मार्च उन्नीस सौ चौवन को कम्पनी अधिनियम 1956 की धारा 3 के अन्तर्गत एक विद्यमान
कम्पनी है और मैसर्स Indian Explosives Limited

के रूप में निगमित की गई थी, ने कम्पनी अधिनियम, 1956 की धारा 21 की शर्तों के अनुसार विधिवत आवश्यक विनिश्चय
पारित करके तथा लिखित रूप में यह सूचित करके की उसे भारत का अनुमोदन, कम्पनी अधिनियम, 1956 की धारा 21 के
साथ पठित, भारत सरकार, कम्पनी कार्य विभाग, नई दिल्ली की अधिसूचना सं.सा.का.नि. 507 (अ) दिनांक 24.6.1985 एस.
आर.एन. A78356631 दिनांक 15/02/2010 के द्वारा प्राप्त हो गया है, उक्त कम्पनी का नाम आज परिवर्तित रूप में मैसर्स
Akzo Nobel India Limited

हो गया है और यह प्रमाण-पत्र, कथित अधिनियम की धारा 23(1) के अनुसरण में जारी किया जाता है।

यह प्रमाण-पत्र, मेरे हस्ताक्षर द्वारा कोलकाता में आज दिनांक पंद्रह फरवरी दो हजार दस को जारी किया गया है।

GOVERNMENT OF INDIA – MINISTRY OF CORPORATE AFFAIRS
Registrar of Companies, West Bengal

Fresh Certificate of Incorporation Consequent upon Change of Name

Corporate Identity Number : L24292WB1954PLC021516

In the matter of M/s ICI INDIA LTD.

I hereby certify that ICI INDIA LTD. which was originally incorporated on Twelfth day of
March Nineteen Hundred Fifty Four being an existing company as per Section 3 of the Companies
Act, 1956 as Indian Explosives Limited having duly passed the necessary resolution in terms of
Section 21 of the Companies Act, 1956 and the approval of the Central Government signified
in writing having been accorded thereto under Section 21 of the Companies Act, 1956, read
with Government of India, Department of Company Affairs, New Delhi, Notification No. G.S.R.
507 (E) dated 24/06/1985 vide SRN A78356631 dated 15/02/2010 the name of the said company
is this day changed to **Akzo Nobel India Limited** and this Certificate is issued pursuant to
Section 23(1) of the said Act.

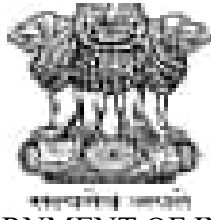
Given under my hand at Kolkata this Fifteenth day of February Two Thousand Ten.

Seal of the
Registrar of
Companies,
West Bengal

(Sd/-)
SWADHIN BARUA
उप कम्पनी रजिस्ट्रार /
Deputy Registrar of Companies
पश्चिम बंगाल
West Bengal

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता:

Mailing Address as per record available in Registrar of Companies office:
Akzo Nobel India Limited
GEETANJALI APARTMENT, 1ST FLOOR, 8-B, MIDDLETON STREET,
KOLKATA – 700071, WEST BENGAL, INDIA



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies

PCNTDA Green Building, BLOCK A, 1st & 2nd Floor Near Akurdi Railway Station, Akurdi, Pune, Maharashtra,
India, 411044

Certificate of Incorporation pursuant to change of name
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]

Corporate Identification Number (CIN): U24100PN2018PTC174373

I hereby certify that the name of the company has been changed from AKZO NOBEL CHEMICALS INDIA PRIVATE LIMITED to NOURYON CHEMICALS INDIA PRIVATE LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name AKZO NOBEL CHEMICALS INDIA PRIVATE LIMITED.

Given under my hand at Pune this Twenty sixth day of June two thousand nineteen.



CHEREDDY JAGANADH REDDY

Registrar of Companies

RoC - Pune

Mailing Address as per record available in Registrar of Companies office:

NOURYON CHEMICALS INDIA PRIVATE LIMITED

Timeless Building, 2nd Floor, 209/1B/1A,, Range Hills, Pune, Pune, Maharashtra, India, 411020



MAHARASHTRA POLLUTION CONTROL BOARD

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



Kalpataru Point, 2nd, 3rd
and 4th floor, Opp. Cine
Planet Cinema, Near Sion
Circle, Sion (E),
Mumbai-400022

RED/L.S.I (R22)
No:- Format1.0/CC/UAN No.MPCB-
CONSENT-0000187671/CR/2404000908

Date: 11/04/2024

To,
M/s. Nouryon Chemicals India Pvt. Ltd.,
Plot No. E-18, 19, 20 & C-61 (Part), MIDC Mahad
Tal:- Mahad, Dist:- Raigad.



Sub: Grant of Amendment in Renewal of consent to Operate for increase in capital investment under RED/LSI category.

- Ref:**
1. Renewal of Consent to Operate accorded vide No. Format1.0/CC/UAN No. 0000105321/CR-2104000614, dated. 09/04/2021 which is valid upto 28/02/2026.
 2. Environmental Clearance accorded vide No. SEIAA-EC-0000000263, dated 26/04/2018
 3. Minutes of the 32nd Consent committee meeting (2023-2024) held on 14/03/2024.

Your application No.MPCB-CONSENT-0000187671 Dated 15.11.2023

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 renewal is granted for a period up to 28/02/2026**
2. **The capital investment of the project is Rs.90.8374 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 75.5479 Crs + Increase in C.I. - Rs. 15.2895 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Organic Peroxide (Pure)	284.96	0	284.96	MT/M
2	Refilling/Blending of Metal Alkyls (Pure)	141.83	0	141.83	MT/M

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	496.0	As per Schedule-I	CETP
2.	Domestic effluent	8.0	As per Schedule-I	On land for gardening

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	Boiler (11 TPH)	1	As per Schedule -II
2	S-2	Diesel Engine Hydrant	1	As per Schedule -II
3	S-3	Diesel Engine Sprinkler	1	As per Schedule -II
4	S-4	D. G. Set (500 kVA)	1	As per Schedule -II
5	S-5	D. G. Set (200 kVA)	1	As per Schedule -II
6	S-6	Process Stack-I	1	As per Schedule -II
7	S-7	Process Stack -II	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
NA					

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	4.8	MT/A	Recycle	Sale to authorised party / CHWTSDF
2	12.2 Spent acid and alkali	20	MT/A	Landfill	CHWTSDF
3	20.2 Spent solvents	24	MT/A	Recycle*	Sale to authorised party / CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	240	Nos./Y	Recycle*	Sale to authorised party / CHWTSDF
5	34.1 Chemical-containing residue arising from decontamination.	5.0	MT/A	Incineration	CHWTSDF
6	35.3 Chemical sludge from waste water treatment	14	MT/A	Landfill	CHWTSDF
7	37.3 Concentration or evaporation residues	144	MT/A	Incineration	CHWTSDF

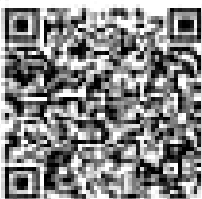
Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
8	Sodium Chloride Salt (NaCl)	108	MT/M	Recycle*	Sale to authorised party / CHWTSDF

[* Industry shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016]

8. Conditions under Plastic Waste Management Rules, 2016 (Notification dtd. 18/03/2016):

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Plastic Waste/Plastic Wrappers/Scrap	144.00	MT/A	Authorized Recycler

9. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
11. The applicant shall comply with the conditions of the Environmental Clearance accorded vide No. SEIAA-EC-0000000263, dated 26/04/2018
12. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
13. The applicant shall not discharge any effluent in any other source other than the CETP drain for further treatment and disposal.
14. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
15. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 an keep proper manifest thereof.
16. Industry shall comply with direction issued to CETP, regarding installation of two-way SCADA, Auto-sampler, Non-Return Valve (NRV) with positive discharge to CETP chamber.
17. This consent is issued pursuant to the decision of the 32nd Consent Committee meeting (2023-2024) held on 14/03/2024.
18. Industry shall ensure online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server including separate energy meter for pollution control system.
19. This consent is issued with overriding effect to the Renewal of Consent to Operate accorded vide No. Format1.0/CC/UAN No. 0000105321/CR-2104000614, dated. 09/04/2021 which is valid upto 28/02/2026.
20. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.



Signature

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503a9d47
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e94e77c5
17b7b389

Signed by: **Dr. Avinash Dholake**
Member Secretary
For and on behalf of
Maharashtra Pollution Control Board
m4@mpcb.org
2024-04-11 11:16:41 IST



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	50000.00	MPCB-DR-23751	12/01/2024	NEFT
2	50000.00	MPCB-DR-25178	04/04/2024	NEFT
3	100000.00	MPCB-DR-25177	04/04/2024	NEFT
4	50000.00	MPCB-DR-25787	10/04/2024	NEFT

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
- i) Strong COD/TDS stream of 37 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank) followed by salt recovery plant. After, salt recovery treated water shall be sent to ETP for further treatment..
- ii) Weak COD/TDS stream of 459 CMD** - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary ((Sequential Batch Reactor I, II, III and IV) followed by Treated Water Tank), Sludge treatment (Sludge drying bed) .
- 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	5.5 to 8.5
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C)	100
(4)	Total Suspended solids	100
(5)	Bioassay Test	90 % survival of fish after first 96 hours in 100% effluent
(6)	COD	250
(7)	Chlorides	600
(8)	Sulphates	1000
(9)	% Sodium	60 %
(10)	Phenolic Compound	5.0
(11)	TAN	50
(12)	Chromium (Cr + 6)	0.10
(13)	Sulphates (as S)	2.0
(14)	Phosphates (as P)	5.0
(15)	Total Dissolved Solids	2100

- C] The treated effluent shall be send to CETP through drainage line provided by MIDC for further treatment and disposal after confirming above standards.
- D] Industry shall ensure online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server including separate energy meter for pollution control system.
2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further 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 there of & 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	60.00
2.	Domestic purpose	10.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	470.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	100.0

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	Boiler (11 TPH)	Stack	30.00	LDO 834 Kg/Day	1.8	TPM	50 Mg/Nm ³
						SO ₂	30.024 Kg/Day
S-2	Diesel Engine Hydrant	Stack	6.00	HSD 18 Ltr/Hr	1	TPM	50 Mg/Nm ³
						SO ₂	8.64 Kg/Day
S-3	Diesel Engine Sprinkler	Stack	6.00	HSD 18 Ltr/Hr	1	TPM	50 Mg/Nm ³
						SO ₂	8.64 Kg/Day
S-4	DG Set (500 KVA)	Acoustic Enclosure	3.50	HSD 122 Ltr/Hr	1	TPM	50 Mg/Nm ³
						SO ₂	19.52 Kg/Day
S-5	DG Set (200 KVA)	Acoustic Enclosure	3.50	HSD 100 Ltr/Hr	1	TPM	50 Mg/Nm ³
						SO ₂	16 Kg/Day
S-6	Process Stack-I x 01 No.	Alkali Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm ³
S-7	Process Stack-II x 01 No.	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm ³

(*- Above roof level)

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Solvent Management shall be carried out as follows:
- Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
 - Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.

- c. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery
- d. Solvents shall be stored in a separate space specified with all safety measures.
- e. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
- f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
- g. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation.
- h. Fugitive emissions shall be controlled at 99.95% with effective chillers.
- i. Solvent transfer shall be through pump.
- j. Metering and control of quantities of active ingredients to minimize wastes.
- k. Use of automatic filling to minimize spillage.
- l. Use of close feed system into batch reactors.
- m. Venting equipment through vapour recovery system.

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	C to R (existing to be extended)	Rs. 5 Lakh	15 days	Towards O & M of Pollution control systems & compliance of consent conditions	28/02/2026	31/08/2026

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

BG Forfeiture History

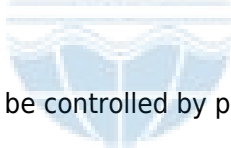
Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

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

SCHEDULE-IV
General Conditions:

1. The waste generator shall.-
 - a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Plastic Waste Management Rules, 2016 or as amended from time to time.
 - b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;
2. All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.
3. All waste generators shall pay such user fee or charge as may be specified in the byelaws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;
4. Every person responsible for organizing an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Plastic Waste Management Rules, 2016 amendment from time to time.
5. The Energy source for lighting purpose shall preferably be LED based
6. 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
7. 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.
8. The applicant shall maintain good housekeeping.



9. 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.
10. 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.
11. 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.
12. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
13. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
14. 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.
15. 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.
16. 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.
17. The PP shall provide personal protection equipment as per norms of Factory Act
18. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
19. 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.
20. 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.
21. 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.
22. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

23. 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).
24. 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.
25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
26. The industry should not cause any nuisance in surrounding area.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.

36. 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).
37. 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.



List of raw material :

Name	Total in MT/year
1,1,3,3 tetra methyl butyl Hydroperoxide	54
2-EHCL	226
2-Ethyl hexyl chloroformate	420
Acetic acid	17.3
Acetyl acetone	13
Alcotex	12
Benzoyl chloride	164
Berol	2.4
Calcium carbonate	150
Cyclohexanone	12
Dequest 2060 S	8.1
DHP	50
Diethylene Glycol	31.4
Di-isopropyl Benzene	100
Dimethylphthalate	70.7
Ethapol	91
HCL 30% solution	490
Hydrogen peroxide 70 % solution	386.5
Isobutaryl Chloride	1120
Isododecane	320
Isononanoic Acid	5
Isononanoyl Chloride	195
Isopar H	332
Isopropyl chloroformate	18
Magnesium sulphate	26
Methanol	363.2
Methyl ethyl ketone	69.2
Neo deconoyl chloride	54
Pivaloyl chloride	116
Potassium hydroxide	26.5

RAV 7AT	60
Silica	45
Sodium bicarbonate	6
Sodium Carbonate solid	1
Sodium chloride	535.9
Sodium hydroxide (30%) solution	2375.3
Sodium meta bisulphite	35.1
Sodium Perchlorate	50
Sodium sulphate	2.4
Spiridane D60	350
Sulphuric acid	112
TBA	25
Tert.butyl hydroperoxide 70 % solution	1116.4
Toluene	364
Total	10021.4
Water (as solvent base)	200 CMD

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
 (A Govt. Of Maharashtra Undertaking)



No. DM(M)/A 18/ 814865
 Office of the Deputy Engineer,
 MIDC, Mahad Sub Division, Mahad
 Dated : 20.03.2017

To,

M/s. Azco Nobel Chemicals India Limited,
 Plot No. B-16,
 MIDC, Mahad Industrial Area,
 Mahad

Sub: Change of companies name & automatic 15 mm dia water supply connection of plot No. B-16 in Mahad Ind. Area.

Ref: Your letter No. Nil dt. 09.02.2017

2. This office letter No. DM(M)/A70990 dt. 20.03.2017

Dear Sir,

Since you have paid water supply deposit Rs. 26,300/- & meter charges Rs. 575/- vide receipt No. U9C11_000689 & U9C11_000690 dt. 29.02.2017 & accepted all terms & conditions under Water Supply Agreement, 15 mm diameter size of water supply connection is sanctioned, taking in to consideration 11.50m³ / day requirement. The rate of water supply will be Rs. 25.50 per Cum, till the BCC is obtained. Subject to revision of water rates by MIDC from time to time.

A copy of water supply agreement is enclosed here with for your reference and further needful please.

Thanking you.

Your's faithfully,


 B. S. Ghole
 Deputy Engineer

MIDC, Mahad Sub Division, Mahad



Copy submitted to the Executive Engineer, MIDC, Civil Division, Mahad for favour of information.

	Maharashtra Industrial Development Corporation A Government of Maharashtra Undertaking Incorporated in India's Public Sector Companies Act, 1956 Mumbai 400 001	GSTIN: 27AAAC08282612V PAN No: AAAC082826C	Original for recipient Duplicate for Supplier
	Consumer No: DV00203518HD301	Invoice No: 11-10-2024	Month / Year: September 2024
Consumer Name: INDIA PVT. LTD	Consumer Type: 101	Meter Size: 80	Debit Amt: 605,615.00
E - 18 & 20, E BRICKFIELD ROAD, MUMBAI 400 018	Plot/Street/Zone: E-18, 19, 20 & C-9	Mtr. Qty / Month: 40.00	Meter No / Size: 3018 E - 80045
Dist No: E	Zone: 17	Meter Serial: 48800	
Cap. Contribution: 0.00	Area: 0.00	DETP Cap: 117,214.00	
Bill No: Office Order dt: Enal D:	DETP Cap Yr: Order No: Dated:	DETP - Y: 2023 - Y: 2024	DETP - Y: 2023 - Y: 2024
DETP - Y: 2023 - Y: 2024	DETP - Y: 2023 - Y: 2024	DETP - Y: 2023 - Y: 2024	DETP - Y: 2023 - Y: 2024

Bill Balance	Current Charges	Amount Due Before Esc Date	DPC Amount	Esc Date
0.00	613,339.00	613,339.00	3,793.00	25-10-2024

Meter No / Size	Previous		Current		Water Qty. Cub. Met.	Remarks (if Any)
	Reading	Date	Reading	Date		
3018 E - 80045	222700	21-09-2024	222704	20-09-2024	0.00	
80	0		0		0.00	

Charges Code	REGULAR				
	CHARGES		DPC		
	CURRENT #	PREVIOUS #	CURRENT # LAST MONTH	PREVIOUS #	
CGST-Service Charge	1,845.00	0.00	0.00	0.00	Water Dept. charges
SGST-Service Charge	1,845.00	0.00	0.00	0.00	Water Dept. charges
CGST-Fire Charge	713.00	0.00	0.00	0.00	Water Dept. charges
SGST-Fire Charge	713.00	0.00	0.00	0.00	Water Dept. charges
CGST-Drainage Charge	4,473.00	0.00	0.00	0.00	Water Dept. charges
SGST-Drainage Charge	4,473.00	0.00	0.00	0.00	Water Dept. charges
CGST-Ewa Charge	1,189.00	0.00	0.00	0.00	Water Dept. charges
SGST-Ewa Charge	1,189.00	0.00	0.00	0.00	Water Dept. charges
CGST-DETP Cap	5,278.00	0.00	0.00	0.00	Water Dept. charges
SGST-DETP Cap	5,278.00	0.00	0.00	0.00	Water Dept. charges
Water Charges_L	119,765.00	0.00	0.00	0.00	Water Dept. charges
Service Charges	21,605.00	0.00	0.00	0.00	Water Dept. charges
Fire Charges	7,827.00	0.00	0.00	0.00	Water Dept. charges
Drainage Charges	48,705.00	0.00	0.00	0.00	Water Dept. charges
Environment Charges	13,213.00	0.00	0.00	0.00	Water Dept. charges
DETP of Association	217,019.00	0.00	0.00	0.00	Water Dept. charges
DETP Capital/One Time	58,607.00	0.00	0.00	0.00	Water Dept. charges
TOTAL	613,339.00	0.00	0.00	0.00	

AMOUNT PAYMENT DETAILS	Rep. No: 457,063.00	Date: 25-09-2024		
Report: Five Lakh Fifty Three Thousand Thirty Eight Only	DEPUTY ENGINEER M.I.D.C.			
For Online Payment visit MIDCO web site: www.midcoindia.org and visit Consumer Helpline: DV00203518HD301	Address: MIDCO, Maharashtra Industrial Development Corporation, 2nd Floor, 2nd Cross, MIDCO, Mumbai - 400 001		Phone: 022-26222222, 022-26222222, 022-26222222	

* Please submit your official GST bill, email and phone no while paying this bill at receipt counter.
 * If the bill is not paid before the due date, DPC Amount will be added in the subsequent month bill.

EXECUTIVE COMMITTEE**Chairman** Ettertilus

Mr. Surendra S. Bhanwarle
 Pimpri Chinchwad Industrial Area
 Mob. 9914697246

Chairman

Mr. Nandubhai B. Patilare
 MS. Pimpri Chinchwad Ind
 shubhraj@gmail.com
 Mob. 9157219714

Vice Chairman

Mr. Anshu N. Takalkar
 MS. Maharashtra Pvt. Ltd
 an_n_takalkar@yahoo.com
 Mob. 9423624119

Secretary

Mr. Jaganmohan A. Shetty
 MS. Key Director Pvt. Ltd
 jaganmohan@shubhraj.com
 Mob. 9011015826

Treasurer

Mr. Rajendra A. Shete
 MS. India Ltd.
 rajendra_shete@india.com
 Mob. 9764472411

EXECUTIVE MEMBERS

■ **Mr. Manoj K. Sharma**
 MS. Shubra Pvt. Ltd
 manojsharma@shubra.com
 02145-661300

■ **Mr. Anshir S. Lakhande**
 MS. Satishan Chemical
 Ind. Ltd.
 slakhande@satishan.com
 02145-660281

■ **Mr. Santosh E. Chavan**
 Rajshree Chemicals Pvt. Ltd.
 santosh_e@rajshree.com
 Mob. 9821718481

■ **Mr. Kalyani K. Gadgil**
 MS. Pharma Chem. Pvt. Ltd
 rkadgil@gmail.com
 Mob. 982092801

**MMA CETP CO-OPERATIVE SOCIETY LTD.**

P-43, MIDC Industrial Area, Bhiwand, Dist. Rajgad Pin-401 309 (Maharashtra)
 ■ Tel. (02145) 232285 ■ email:mma.coop@mmacoopind.com
 AN ISO CERTIFIED COMPANY

MMA CETP/OUR/2018-19/257

Date: 14/03/2019

To,
 The Unit Head,
 MS. AkzoNobel Specialty Chemicals Ltd
 Plot No- E-18 19 & 20, C-61 (Part)
 MIDC Area
 Bhiwand.

Reference: Your letter dated 05th March 2019

Subject: - NCC to connect effluent discharge to CETP from plot no. E-18 19 & 20, C-61 (Part)

Dear Sir,

Please note that your previous MPCD consensua discharge is 64d CMD. As per your request, you are decreasing the discharge limit to 514 CMD. With reference to above subject and your letter dated 05th March 2019, we have No objection for the connection of your treated effluent 50% CMD from plot no. E-18 19 & 20, C-61 (Part) to C-61 P with following conditions.

Condition No.1: AkzoNobel Specialty Chemicals Ltd. should provide two days holding facility to hold the treated effluent in their premises in case of any deviation or any maintenance work.

Condition No.2: AkzoNobel Specialty Chemicals Ltd. should meet the consent conditions and discharge norms as prescribed by MPCD.

For MMA CETP Co-Operative Society LTD.

Chairman
 (S.B. Patilare)



Quality Management System-iso 9001 :2015
 Environmental Management System ISO:14001:2014
 Occupational Health and Safety Management System. OHSAS 18001:2007
 Reg. No : BT/919/14

Annexure 8

Rainwater Harvesting



Roof top rainwater collection



Connected Pipeline to transfer rainwater to storage tank.



Storage of rainwater into storage tank capacity 385 M3

Rainwater recharge points



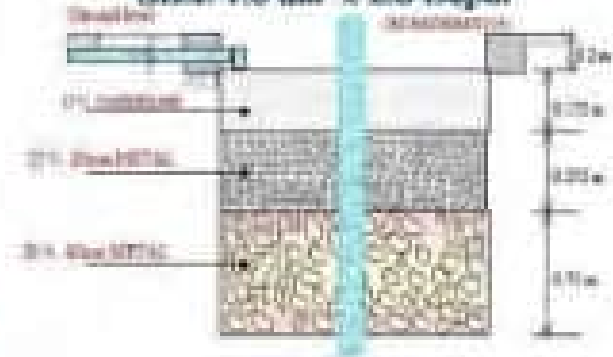
1. Rainwater recharge pit of Warehouse roof



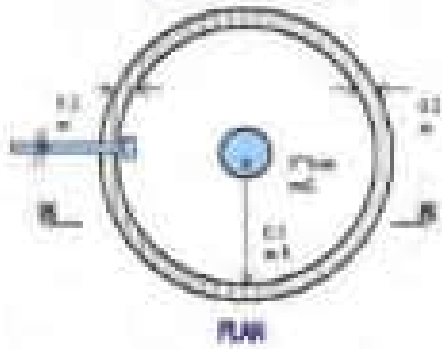
2. Rainwater recharge pit of Building roof

Rainwater recharge points

RAIN WATER HARVESTING STRUCTURE AROUND BORE-WELL TYPE - III SIZE 1.0 dia x 2.0 Depth



SECTION A-A





Sadekar Enviro Engineers Private Limited

Plot No. 205, Road No. 18, Near Naga Park, MIDC, Pimpri-Chinchwad Area, Thane - 401 004, Maharashtra State, India
 P: +91 20 2693 2021 / 2693 2022 / 2693 2023 / 2693 2024 • E-mail: sadekar@seee.com / pravin@sadekar.com
 Lab. Accredited by NABL, Valid up to 06/30/2025



ANALYSIS TEST REPORT

Report Number	SEETL240003462		Report Date	24/06/2024
Name of Client	M/s. Nouryon Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-18/19/20, 61 (Part), MIDC Mahaj, Dist-Rajgad, 402302, Maharashtra.			
Order/Reference	Purchase Order: 4300295019 - Dated on-20-Jan-2024			
Sample Collection Date	12/06/2024	Sample Receipt Date	13/06/2024	
Analysis Started On	13/06/2024	Analysis Completed On	24/06/2024	
U/LI Number	TC-12207240001863F			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-62	
Environmental Condition Of Job	Temp °C	26.3	Humidity %	57
Sampling Point	Bore Well			
Sample Details	Ground Water			
Sample Container	PVC Can	Sample Quantity	5000 ml	
Sample Collected By	SEETL Representative			

Chemical Parameters

Sr. No.	Parameter	Result	Unit	IS desirable Limit (As per IS 10500)	Method
1.	pH	7.97	-	6.5 - 8.5	IS 3025 (Part 11) : 2022
2.	Color	<1.0	CU	5.0	IS 3025 (Part-4/4) : 2021
3.	Odor	Agreeable	-	Agreeable	IS 3025 (Part 5) : 2018; RA 2022
4.	Total Hardness as CaCO ₃	50.00	mg/lit	200.00	IS 3025 (Part 21/5):2009; RA 2023
5.	Turbidity	<1.00	NTU	1.00	IS 3025 (Part-10) : 2019
6.	Chlorides as Cl	5.54	mg/lit	250.00	IS 3025 (Part 12/2):1988; RA 2019
7.	Nitrate as NO ₃	11.87	mg/lit	45.00	APHA (24 th Edition) 4500 NO ₃ -B : 2023
8.	Total Alkalinity as CaCO ₃	38.93	mg/lit	200	IS 3025 (Part 22):1988; RA - 2023
9.	Fluorides as F	<0.5	mg/lit	1.0	APHA (24 th Edition) 4500-F-D-2023
10.	Sulphate as SO ₄	4.57	mg/lit	200.00	APHA (24 th Edition) 4500 - SO ₄ - E - 2023
11.	Ammonia	<0.5	mg/lit	0.5	IS 3025 (Part 34/2 282.3) : 1988; RA 2019
12.	Cyanide	<0.05	mg/lit	0.05	IS 3025 (Part-17/sec1/4):2021
13.	Calcium as Ca	10.42	mg/lit	75.00	IS 3025 (Part 40/5):1991; RA 2023
14.	Magnesium as Mg	5.83	mg/lit	30.00	IS 3025 (Part 46/6):2023
15.	Anionic Detergents	<0.05	mg/lit	0.2	IS 3025 (P-68) : 2019; RA 2023
16.	Sulfide	<0.05	mg/lit	0.05	IS 3025 (Part 29):1988; RA-2019

Note: Test results related only to the sample tested.

- This certificate may not be reproduced without the permission of this laboratory.
- Retention Period of Sample is 8 days from the date of Analysis report.
- IS 10500 2012; RA-2018



Authorized Signatory
 Trupti Mayekar

Page 1 of 6

Form No. SEETL/LD/F-03

Checked by

ANALYSIS TEST REPORT

Report Number	SEETL240002462		Report Date	24/06/2024	
Name of Client	M/s. Neurytn Chemicals India Pvt Ltd.				
Address of Client	Flat No. E-18/10/20, 61 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.				
Order / Reference	Purchase Order: 4200295018 - Dated on-20-Jan-2024				
Sample Collection Date	12/06/2024		Sample Receipt Date	13/06/2024	
Analysis Started On	13/06/2024		Analysis Completed On	24/06/2024	
Environmental Condition Of lab	Temp °C	26.3	Humidity %	57	
Sampling Plan	SEETL/LD/F-01		Sampling SOP No.	SEETL/LD/SOP/WA-62	
URL Number	TC-122072400001863F				
Sampling Point	Bore Well				
Sample Details	Ground Water				
Sample Container	PVC Can		Sample Quantity	5000 ml	
Sample Collected By	SEETL Representative				

Metal Analysis

17.	Aluminum as Al	0.014	mg/lit	0.03	IS 3025 (Part 65) :2012
18.	Arsenic as As	<0.01	mg/lit	0.01	
19.	Cadmium as Cd	<0.0025	mg/lit	0.003	
20.	Barium as Ba	<0.01	mg/lit	0.70	
21.	Boron as B	0.015	mg/lit	0.50	
22.	Iron as Fe	0.056	mg/lit	0.30	
23.	Molybdenum as Mo	<0.01	mg/lit	0.07	
24.	Nickel as Ni	<0.01	mg/lit	0.02	
25.	Silver as Ag	<0.01	mg/lit	0.10	
26.	Lead as Pb	<0.01	mg/lit	0.01	
27.	Manganese as Mn	<0.01	mg/lit	0.1	
28.	Selenium as Se	<0.0025	mg/lit	0.01	
29.	Zinc as Zn	0.025	mg/lit	5	
30.	Mercury as Hg	<0.001	mg/lit	0.001	SEETL/LD/SOP-WA 38. 2017

Note: Test results related only to the sample tested.

- : This certificate may not be reproduced without the permission of this laboratory.
- : Retention Period of Sample is 3 days from the date of Analysis report.
- : IS 10500 :2012 HA :2018



Trupti Mayekar
 Authorized Signatory
 Trupti Mayekar

Checked by
SE



Sadekar Enviro Engineers Private Limited

Plot No. A-05, Road No. 18, Near Nagri Road, 181/1/2, (High Industrial Area), Thane - 401 004, Maharashtra, India
 P: +91 (22) 2582 2171 / 2582 2482 / 2582 2222 / 2582 2223 • E-mail: info@sadekarenviro.com / sadekar@rediffmail.com

ISO 9001:2015
 ISO 14001:2015

Laboratory Recognized under Environment (Protection) Act, 1986 by MAF & CC, Govt. Maharashtra, India.

ANALYSIS TEST REPORT

Report Number	SEETL20000462		Report Date	24/06/2024	
Name of Client	M/s. Neuryon Chemicals India Pvt Ltd.				
Address of Client	Plot No. E-18/19/20, 81 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.				
Order/Reference	Purchase Order: 420295019 - Dated on-20-Jan-2024				
Sample Collection Date	13/06/2024		Sample Receipt Date	13/06/2024	
Analysis Started On	13/06/2024		Analysis Completed On	24/06/2024	
Sampling Plan	SEETL/LD/F-03		Sampling SOP No.	SEETL/LD/SOP/WA-62	
Environmental Condition Of lab	Temp °C	25.3	Humidity %	57	
Sampling Point	Bore Well				
Sample Details	Ground Water				
Sample Container	PVC Can		Sample Quantity	5000 ml	
Sample Collected By	SEETL Representative				

Chemical Parameters

Sr. No.	Parameters	Results	Unit	IS desirable Limit (As per IS 10500)	Method
1.	Phenolic compound	<0.001	mg/lit	0.001	IS 3025 (Part 43/Sec 1/ 6): 2012

- Note :** Test results related only to the sample tested.
 : This certificate may not be reproduced without the permission of this laboratory.
 : Retention Period of Sample is 8 days from the date of Analysis report.
 : IS 30100 2012-RA-2018



[Signature]
 Authorized Signatory
 Tojasa Chandekar

Page 3 of 3

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 SAG*

Report No. SEETL/LD/F-72



ANALYSIS TEST REPORT

Report Number	SEETL240002462		Report Date	24/06/2024
Name of Client	M/s. Nouryam Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-18/15/20, 61 (Part), MIDC Mahad, Dist-Rajgad, 402303, Maharashtra.			
Order/Reference	Purchase Order: 4200295019 - Dated on-20-Jan-2024			
Sample Collection Date	12/06/2024	Sample Receipt Date	13/06/2024	
Analysis Started On	13/06/2024	Analysis Completed On	24/06/2024	
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-62	
Environmental Condition Of Job	Temp ° C	26.3	Humidity %	57
Sampling Point	Bore Well			
Sample Details	Ground Water			
Sample Container	PVC Can	Sample Quantity	5000 ml	
Sample Collected By	SEETL Representative			

Chemical Parameters

Sr. No.	Parameters	Results	Unit	IS desirable Limit (As per IS 10500)	Method
1.	Taste	Agreeable	-	Agreeable	IS 3025 (Part- 7):2017 & IS 3025 (Part- 8):1984 RA 2022

- Note : Test results related only to the sample tested.
 : This certificate may not be reproduced without the permission of this laboratory.
 : Retention Period of Sample is 8 days from the date of Analysis report.
 : IS-10500 2012- RA 2018

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



[Signature]
Authorized Signatory
Trusti Mayekar

Page 4 of 5

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SLY*

Form No. SEETL/EMP-03

HEAD OFFICE FACILITY : Plot No. D-128 & P-106, Thane MIDC, Thane, Dist. Palghar - 401004. (P) : 0221107165 / 72440288
E-mail : sae@sadesthane.com • Website : www.sadesthane.com

REGA UNIT : 110, Thane Tower, MIDC Park, Pune-40001, Maharashtra, India. (P) : (020) 2427040 / 2427194
E-mail : sadesthane@midcpl.com • Cell No. 9820088118/9720119029

ANALYSIS TEST REPORT

Report Number	SEETLJ40002462	Report Date	24/06/2024	
Name of Client	M/s. Neuryon Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-38/18/20, S1 (Part), MIDC Mahad, Dist-Rajgad, 402502, Maharashtra.			
Order/Reference	Purchase Order: 4200295015 - Dated on-20-Jan-2024			
Sample Collection Date	12/06/2024	Sample Receipt Date	13/06/2024	
Analysis Started On	13/06/2024	Analysis Completed On	24/06/2024	
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/WA-02	
Environmental Condition Of Job	Temp °C	26.3	Humidity %	57
LAR Number	TC-1220724000018637			
Sampling Point	Borewell			
Sample Details	Ground Water			
Sample Container	Sterile Glass Bottle	Sample Quantity	250 ml	
Sample Collected By	SEETL Representative			

Microbiological Parameters

Sr. No.	Parameters	Results	Unit	IS desirable Limit (As Per IS 10500)	Method
1.	Total coliforms at 37°C for 48 hrs.	34	MPN index/100 ml	Shall not be detectable in any 100 ml sample	APHA- (24 th Edition) 9221-B 2023
2.	E.coli at 44.5°C for 24hrs.	03	MPN index/100 ml	Shall not be detectable in any 100 ml sample	APHA- (24 th Edition) 9221-G 2023

Note: Test results related only to the sample tested.

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: IS 10500 2012 (A-2018)

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



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Sneha Pujare

Page 3 of 5

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Form No. SEETL/LD/F-72



ANALYSIS TEST REPORT

Report No.	SEETL240012394	Report Date	18/06/2024
Name of Client	M/s. Nearyon Chemicals India Pvt Ltd.		
Address of Client	Plot No. 1-18/13/21, 61 (Part), MIDC Mahad, Dist Raigad, 402302, Maharashtra		
Order / Reference	PO No. 4200269018, Dated-20/01/2024		
Date Of Monitoring	10/06/2024	Time of Sampling	Day
ULR No.	-		
Monitored By	SEETL Representative		
Sampling Plan	SEETL A.O/T-03	Sampling SOP No.	SEETL/LS/SOP/AA-13

DAY TIME NOISE LEVEL MONITORING

Sr. No.	Sampling Location (From 1 meter away)	Day Time	Noise Limits in dB(A) Leq*
WORK PLACE NOISE LEVEL MONITORING			
1.	Production Building	70.3	90
2.	Dry Tank Area	70.3	90
3.	Utility Area	71.3	90
4.	BCF Area	73.2	90
5.	R.S. VI	69.3	90

Method- IS 9169-1981 (IA 2023)

- NOTE-1)** As per Factory Act Rules, 1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time Weighted average of the level of sound in decibels on scale A which is reliable to human hearing.
- 2)** A "decibel" is a unit in which noise is measured.
- 3)** "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
- 4)** Leq: It is the energy mean of the noise level over a specified period.
- 5)** This certificate may not be reproduced without the permission of this Laboratory.

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


 Authorized Signatory
 Nilesh Nalk

Checked by


ANALYSIS TEST REPORT

Report No.	SEETL240002395	Report Date	18/06/2024
Name of Client	M/s. Nouryon Chemicals India Pvt Ltd.		
Address of Client	Plot No. 1 - 18/15/20, S1 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.		
Order / Reference	PO No. 4200285018, Dated-28/01/2024		
Date Of Monitoring	10/06/2024	Time of Sampling	Day
ULR No.	TC-122072400001814F		
Monitored By	SEETL Representative		
Sampling Plan	SEETL/UD/F-03	Sampling SOP No.	SEETL/MSOP/RA-31

DAY TIME NOISE LEVEL MONITORING

Sr. No.	Sampling Location (From 1 meter away)	Day Time	Noise Limits in dB(A) Leq ¹
---------	--	----------	--

AMBIENT NOISE LEVEL MONITORING

1.	Near Main Gate	63.3	75
2.	Near New ETP	60.1	75
3.	Near Emergency Gate	56.7	75

Method: IS:3999-1981 (RA 2023)

- NOTE: 1) Limit During Day time: < 75. (Day time shall mean from 6:00 am to 10:00 pm.)
 2) dB(A) Leq denotes the time Weighted average of the level of sound in decibels on scale A which is relative to human hearing.
 3) A "decibel" is a unit in which noise is measured.
 4) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
 5) Leq: It is the energy mean of the noise level over a specified period.
 6) This certificate may not be reproduced without the permission of this Laboratory.

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



(Signature)
 Authorized Signatory
 Tripti Mayekar

(Signature)
 checked by
(Signature)

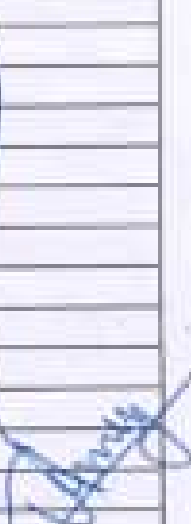
Sr No	Name of Trees	Number of Trees
1	Ain	1
2	Ashoka	237
3	Badam	8
4	Bakuli	11
5	Bhokar	5
6	Bor	1
7	Chafa	6
8	Chiku	16
9	Chinch	5
10	Coconut	24
11	Falas	1
12	Guava	20
13	Gulmohar	16
14	Humbar	8
15	Jambhul	22
16	Kadulimb	2
17	Kaju	2
18	Karanj	6
19	Kunda	2
20	Lime	5
21	Mango	38
22	Mhavyache zad	3
23	Murud Sheng	1
24	Nivi	9
25	Palm	13
26	Pimpal	14
27	Ritha	20
28	Saag	35
29	Sawar	2
30	Shewaga	2
31	Subabul	625
32	Vad	13
33	Waras	3
	Total	1176

FORM-A
(See Rule 18-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot No. E-18, 19, 20 & C-81 (Part Part), MIDC Area, Mahad - Raigad. 402302 Maharashtra, India.

S. No.	Department	Name of worker	Sex	Age (Last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms/signs observed during examination	Test conducted to ascertain health of worker	Health status of worker released	Signature of registered medical practitioner with date
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	Maint	Ramesh C Dhondiyal	M	48	17/12/96	Printer	10/12/24		Medically fit		
1	---	Prabhakar P Mokhivale	M	49	20/11/93	Electrician	10/12/24		Medically fit		
2	HEES	Suyati R Mabhadik	F	32	01/07/19	Nurse	10/12/24		Medically fit		
3	GC	Kalpesh L Khadkar	M	35	20/08/07	GC office	10/12/24		Medically fit		
4	Field	Prakashram K. Sakhpal	M	49	25/09/86	Field Operator	10/12/24		Medically fit		
5	---	Rashmi A Jadhav	M	34	22/11/92	SWEET Supervisor	10/12/24		Medically fit		
6	---	Ramesh S Borkh	M	31	02/01/12	ETP Operator	10/12/24		Medically fit		


DR. ANAND R. MALI
M.D.S., M.B. B.S.
REG. NO. 10111/2019
FOR RAIGAD DISTRICT,

FORM 1-A
(See Rule 18-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot No. E-18, 19, 20 & C-41 (Part Part), MIDC Area, Manad - Rajgad, 402302 Maharashtra, India.


Sr. No.	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms sign observed during examination	Last conducted to ascertain health of worker	Health status of worker (fit/not fit)	Signature registered medical practitioner
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
8)	Plant	Sunil U Sakrapal	M	53	02/05/20	MPS Engg.	12/01/24			Medically - fit	 DR. ANEY K. MALI M.B.B.S., M.D. (A.P.S.) GENERAL LICENSE NO. 1111 S.C.T. ROAD, DISTRICT
9)	Logist	Dipak B Galekha	M	36	20/08/21	Store operator	12/01/24			Medically - fit	
10)	Maint	Prakash H Mali	M	56	01/10/23	Mech Fitter	12/01/24			Medically - fit	
11)	—	Munir U Banse	M	44	12/10/27	Mech Supervisor	12/01/24			Medically - fit	
12)	Plant	Rajesh T Lad	M	43	01/01/26	ETP Operator	12/01/24			Medically - fit	
13)	—	Milind A Jaiswal	M	52	02/06/25	MPS Engg.	12/01/24			Medically - fit	
14)	—	Anand B Athle	M	29	05/02/25	PRC Engg.	12/01/24			Medically - fit	

FORM 7-A
(See Rule 14-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot No. E-16, 18, 20 & C -61 (Part Part), MIDC Area, Mahad - Raigad, 402303 Maharashtra, India.

Sl. No.	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms, signs observed during examination	Test conducted to ascertain health of worker	Health status of worker (fitness)	Signature of registered medical practitioner with date
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1)	Admin	Ashutosh S Yagi	F	36	20/10/19	Management Admin			Medical	-fit	
2)	Legist.	Nandkumar D. Tambe	M	51	13/06/12	Stone Drainage			Medical	-fit	
3)	Prod.	Swapnil R Sakpat	M	32	02/12/20	Operator			Medical	-fit	
4)	-	Madhukar N. Fardnani	M	59	21/01/92	Plant Operator			Medical	-fit	
5)	Mahut	Ashish D Nimbalkar	M	49	26/09/93	Mahut Planer			Medical	-fit	
6)	Prod.	Poojit M Dutl	M	26	10/10/20	Field Operator			Medical	-fit	
7)	-	Ashish M Dangar	M	25	10/10/20	Field Operator			Medical	-fit	


DR. ANEY G. MALI
M.D. M.S. (FM)
GENERAL PRACTICE
RAIGAD DISTRICT.

FORM-A
(See Rule 18-A)
Health Register

(In respect of persons employed in factories and/or workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot No. E-12, 15, 20 & C-41 (Part Part), MIDC Area, Mahad - Raigad, 402303 Maharashtra, India.

Sl. No.	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms reported during examination	Test conducted to ascertain health of worker	Health status of worker (disease)	Signature registered in conditions of	
											(11)	(12)
22)	Peach	Dashrath A. Patil	M	52	08/01/94	Field Operator	10/12/24		Medically	-fit		
23)	—	Rushikesh S. Gokhale	M	24	10/10/20	General Operator	10/12/24		Medically	-fit		
24)	G.C	Pradip B. Bhandarkar	M	51	20/05/07	G.C. Office	10/12/24		Medically	-fit		
25)	Mahat	Rajam S. Dhadve	M	57	20/11/93	Mech. Fitter	10/12/24		Medically	-fit		
26)	Peach	Abhishek C. Bhandarkar	M	33	26/01/19	PTP Operator	10/12/24		Medically	-fit		
27)	—	Narayan M. Bhandarkar	M	54	15/02/93	Field Operator	10/12/24		Medically	-fit		
28)	—	Prakash K. Sarda	M	56	11/12/93	Field Operator	10/12/24		Medically	-fit		


DR. ANIL R. BHALU
M.B.B.S., M.D., A.P.M.
201/11/1, ANAND NAGAR
MAHAD DISTRICT.

FORM 7-A
(See Rule 16-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt. Ltd.

Plot No. E-18, 19, 20 & C-01 (Part/Part), MIDC Area, Mahat - Raigad, 402302 Maharashtra, India


S. No.	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Observations/signs observed during examination	Test conducted to ascertain health of worker	Health status of worker (fit/unfit)	Signature of registered medical practitioner with date
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2)	Prod.	Sandip M Kadam	M	51	01/05/21	Formal Operator	10/10/24		Medically - fit	 DR. ANEY R. MALI M.B.B.S. M.D. AFPH REG. MYSURU DISTRICT HOSPITAL FOR RAIGAD DISTRICT.	
3)	—	Sudipant A Sawant	M	32	01/03/21	ERP SWM Supervisor	10/10/24		Medically - fit		
4)	Maint.	Ratogh H Shinde	M	52	17/01/99	Inst. Repair	10/10/24		Medically - fit		
5)	—	Rajesh R Kadam	M	32	12/07/16	Electrician	10/10/24		Medically - fit		
6)	Prod.	Satish S Sule	M	28	01/07/22	Formal Operator	10/10/24		Medically - fit		
7)	—	Surbash J Chavhan	M	59	01/09/91	Field Operator	10/10/24		Medically - fit		
8)	—	Sushil B More	M	23	01/03/21	Field Operator	10/10/24		Medically - fit		

FORM 7-A
(See Rule 19-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot Nos. D-18, 19, 20 & C-41 (Part/Part), MIDC Area, Mahad - Talgaon, 402202 Maharashtra, India.

Sr. No	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms/signs observed during examination	Test conducted to Ascertain health of worker	Health status of worker (fitness)	Signature of registered medical practitioner who
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
36)	Mahad	Bhagwan A Bhosale	M	57	13/08/91	Mech Office	10/12/22		Medically - fit		
37)	—n—	Sandip S Patil	M	55	21/12/93	Exec Techn	10/12/22		Medically - fit		
38)	Plant	Jayash T Jadhav	M	34	02/11/12	ETP Operator	10/12/22		Medically - fit		
39)	—n—	Sanjay B Rakhe	M	56	02/12/92	Field Operator	10/12/22		Medically - fit		
40)	—n—	Sushant D Patil	M	57	18/12/93	Shift Supervisor	10/12/22		Medically - fit		
41)	—n—	Mahesh R Nalk	M	55	12/08/91	Shift Supervisor			Medically - fit		
42)	—n—	Mouya S Gosale	M	32	01/01/19	Shift Supervisor			Medically - fit		


DR. AMEY R. GALLA
MBBS, M.L. - JFM
DEPARTMENT OF HEALTH
FOR RAJGAD DISTRICT.

FORM-A
(See Rule 18-A)
Health Register

(In respect of persons employed in factories except workers engaged in dangerous operation and processes or hazardous processes)

Nouryon Chemicals India Pvt.Ltd.

Plot No. E-18, 19, 20 & C -01 (Part Part), MIDC Area, Mahad - Raigad, 402303 Maharashtra, India.

S. No.	Department	Name of worker	Sex	Age (last birthday)	Date of employment of present work	Nature of job or occupation	Date of medical examination	Symptoms/ signs observed during examination	Test conducted to ascertain health of worker	Health status of worker (fit/unfit)	Signature of registered medical practitioner with date
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Paint	Deepak M Tashi	M	58	01/01/19	FFC Operator				Medically - fit	 Dr. AMEY R. MALI M.B.B.S., M.D., AFPH (M.A. APPROVED LICENSE NUMBER) FOR RAIGAD DISTRICT.
2	QC	Dnyanesh J Kalogit	M	54	10/02/16	QC Officer				Medically - fit	
3	Maint	Mahendra M Chitambar	M	52	21/12/15	Electrician				Medically - fit	
4	—	Chetan S Chitambar	M	41	27/01/23	Electrician Engg				Medically - fit	
5	—	Dilip S Jadhav	M	57	01/11/32	Mech Fitter				Medically - fit	
6	—	Bhagat D Sutude	M	55	06/07/19	Electrician				Medically - fit	

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

HEAD OFFICE : "Udyog Sarthi", Mahakali Caves Road,
Andheri (E), Mumbai – 400 093.
Tele: (022) 26870052/54/27/73 Fax: (022) 26871587
PRINCIPAL OFFICE : 4,4 (A), 12th Floor, World Trade Centre, Complex-1,
Cuffe Parade, Mumbai – 400 005
Tele : (022) 22151451/52/53 Fax : (022) 22188203



No. MIDC/FIRE/E-230828
Date: 30/04/2024

M/s. Nouryon Chemicals India Pvt Ltd .
Plot No. E-18, E-19, E-20, & C-61 Part-Part MIDC
Mahad Indl Area. Dist - Raigad

Sub: Grant of "Final No Objection Certificate" for Factory Building on Plot No. E-18, E-19, E-20, & C-61 Part-Part at MIDC, Mahad Indl Area.

Ref: i) This Office "Pro. No-Objection Certificate" No. MIDC/FIRE/E-25097; Dated:22/12/2022
ii) This Office "Pro. No-Objection Certificate" No. MIDC/FIRE/C-33297; Dated:22/09/2020
iii) Tracking No. SWC/20/25/20240413/977742

Dear Sir,

With reference to the above, a representative of this office visited your **Factory Building** on 29/04/2024 at the above-mentioned address for inspection of fire fighting arrangements provided by you. Since the fire fighting arrangements provided by you were found in working conditions this office is issuing a "**Final No-Objection Certificate**" for your following built up area:

Building A Tank

Sr No	Name of Building & Floors	Built up area. in Sqm.	Stair	Height
1	Transformer Shed	18.72	0.00	
2	SRU Transformer Shed	25.20	0.00	
3	Truck Shed	24.90	0.00	
4	Transformer Shed	33.60	0.00	
5	Diesel Tank Shed	9.80	0.00	
6	QC Shed For Cylinder	7.92	0.00	
7	Forklift Shed	35.00	0.00	
8	Day Tank Drum Washing Area	42.00	0.00	
9	Scissor Lift Shed	32.40	0.00	
10	MFS Testing Shed	33.94	0.00	
11	Diesel Storage Shed	24.16	0.00	
12	SRV Packing Area Shed	37.40	0.00	
13	Workshop	50.50	0.00	
14	Office Building	459.32	40.10	11.25
15	Sprinkler System Shed	9.99	0.00	
16	MPP Control Room	63.32	12.46	
17	SRU Shed	26.52	13.89	
18	Fabrication Workshop Shed	48.00	0.00	
	Grand Total	982.69	66.45	

- The occupant load of above buildings should not exceed in any case as prescribed in Table – 3 of National Building Code- 2016-Part IV.

As per the provision of Section 3, Sub Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006, it is the sole responsibility of Owner or Occupier as the case may be, that he/she shall furnish to Chief Fire Officer & Fire Advisor, MIDC or local Fire Station Officer a Certificate in a 'Form B' issued by License Agency twice a year in the Month of January And July regarding maintenance of fire prevention and life safety measures and systems in good repair and efficient working condition.

Following Statutory Provisions under Maharashtra Fire Prevention and Life Safety Measures Act, 2006, should be adhered.

1. **Under Section 3** of “**Maharashtra Fire Prevention and Life Safety Measures Act, 2006**” (hereinafter referred to as “said Act”). The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.
2. It is presumed that you have completed the work adhering to the provisions **under Section-3** of the said Act.
3. **Under sub-section (3) of Section 3**, it is responsibility of the Owner or the Occupier as the case maybe, shall furnish to The Chief Fire Officer or nominated officer a Certificate in a prescribed form twice a year in the Month of January & July regarding maintenance of fire prevention and life safety measure in good repair and efficient condition as specified in **sub-section (1)**.
4. **Under sub section (4) of Section 3**, no person shall tamper with, alter, remove or cause any injury or damage to any fire prevention and life safety equipment installed in any such building or part thereof or instigate any other person to do so.
5. The inspection was carried out from fire safety point of view, however certain deviations in as built conditions vis-a-vis approved plans shall be subject to scrutiny & approval of concern special Planning Authority.
6. **In future if the Company intends to carry out any expansion, addition and alteration, Internal Layout changes or introduction of false ceiling, an approval of this department must be obtained before commencing proposed construction.**

The Fire Extinguishers and other fire protection systems installed by you in the premises shall be well maintained & shall be kept in tip-top working condition at all the time. If the said system is not maintained, retrenched, this N.O.C. will stand cancelled without any notice & you will be fully responsible to loss of life or property, if any, which may please be noted.

SPA has recovered balance initial Fire Protection fund fees of Rs. 50000/- vide MCH/10856/2022 dated: 19/12/2022

The condition mentioned in the “**Provisional No-Objection Certificate**” will remain unchanged. The undersigned reserves right to amend/suggest any additional recommendations deemed fit during the stage wise inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company.

Thanking you.

Yours faithfully

Santosh
Warick
Digitally signed
by Santosh
Warick
Date: 2024.05.01
17:00:28 +05'30'

(S. S. Warick)
Chief Fire Officer & Fire Advisor,
MIDC, Mumbai-400 093.

Copy to Executive Engineer, MIDC SPA, Mahad Divin for information, Please.



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 07-06-2024

Apply as Generator

Unit Name	Plant Name	Submit To
Nouryon Chemicals India Private Limited	MAHAD	SRO-Mahad

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Nouryon Chemicals India Private Limited	Plot No.E-18,19,20 & C-61(Part/Part) MIDC Area, Mahad-Raigad,402302 Maharashtra India	9975586958	dhananjay.page@nouryon.com

Sender authorisation No	Manifest Document No	Membership No (If any)
Format1.0/CC/UAN No.MPCB-CONSENT-0000187671/CR/2404000908	MPCB-HW_MANIFEST-0000507744-366581	

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s Shree Road Line, Near Shree Petrol Pump, Mumbai Goa Highway, Nagalwadi Phata, Nadgaon, Taluka Mahad, Dist-Raigad	MH-04/CU-1875	Nangalwadi Mahad	8888189714	dineshshivde123@gmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	07-06-2024	5.1 Used or spent oil	Used spent oil	4.5	MT	Recycler		Maharashtra	Lubstar Petrochem Industries	Plot No C 29 MIDC Mahad	9850969578	lubstar_oil@redi?mail.com
Number of Containers				Physical Form				Special Handling Instructions And Additional Information				
5				Liquid				Use appropriate PPE				



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:

MPCB-HW_ANNUAL_RETURN-0000045719

Submitted On:

18-06-2024

Industry Type :

Generator

Submitted for Year:

2024

1. Name of the generator/operator of facility Address of the unit/facility

Nouryon Chemicals India Private Limited

Plot no. E-18,19,20 & C-61 (Part/Part), MIDC Area

1b. Authorization Number

CC/UAN No. 0000105321/CR2104000614

Date of issue

Apr 9, 2021

Date of validity of consent

Feb 28, 2026

2. Name of the authorised person

Amit M.Salagare

Full address of authorised person

Nouryon Chemicals India Private Limited,Plot no. E-18,19,20 & C-61 (Part/Part)

Telephone

9049008519

Fax

02145232148

Email

amit.salagare@nouryon.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Chemical ,Petrochemical &Electrochemical	Organic Peroxide	3419.5200	1470	MT/A
Chemical ,Petrochemical &Electrochemical	Metal Alkyls	1701.9600	520	MT/A
Chemical ,Petrochemical &Electrochemical	Sodium Chloride Salt	1296.0000	289	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
35.3 Chemical sludge from waste water treatment	ETP Sludge	14.000	10.79	MTA
5.1 Used or spent oil	Spent oil	4.800	4.8	MTA
20.2 Spent solvents	Spent solvent	24.000	1.688	MTA

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
35.3 Chemical sludge from waste water treatment	10.79	MTA	Disposal Facility	Mumbai Waste Management Limited
5.1 Used or spent oil	4.8	MTA	Recycler or Actual user	Lubstar Petrochem Industries
20.2 Spent solvents	1.688	MTA	Recycler or Actual user	Kusum Distillation and refining private limited

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
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NA 0 KL/Anum

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	KL/Anum

5. Quantity disposed in landfills as such and after treatment

Type	Quantity	UOM
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

6. Quantity incinerated (if applicable) **UOM**

NA KL/Anum

Personal Details

Place Date Designation Mahad 2024-06-18 Site Manager

Nouryon Chemicals India Private Limited
Emergency Drill Report

F-HSE-02

Sr. No.	Check point	Observation
1	Drill No.	2024/Emergency preparedness Drill (RET Drill)/02
2	Date of mock drill	09.09.2024
3	Time	12.40 hrs
4	Location	Type VII cold storage
5	Description of emergency	Decomposition of cold product and fire. Two casualties during firefighting
6	First observer of Incidence	Mechanical Fitter
7	Emergency siren raised at	12.47 hrs
8	All clear siren raised at	13.48 hrs
9	Chief incident controller reporting time	12.48 hrs
10	Site controller name Reporting time	Sanjay Salunke 12.48 hrs
11	Incident controllers name	Suresh Patil (Shift Supervisor)
12	Emergency control room coordinator Reporting time	Dhananjay Page
13	Assembly point 1, in charge	Dattatraya Thakur
14	Assembly point 2, in charge	Security Supervisor
15	Emergency team members	Production Operator, Mechanical Fitter
16	First aider	Sayali Mahadik
17	Duties performed by the security in charge	<ul style="list-style-type: none"> • Closed site entrance gate • Arranged personnel of Assembly point in rows and checked head count. • Locked incoming phone calls.
18	Details of Emergency actions	<ul style="list-style-type: none"> • Received high temperature alarm of Cold room Type VII and accepted by shift fitter. Shift fitter verified the temperature and confirmed that the cold storage temperature is increasing beyond high temperature. • Shift fitter immediately informed to Shift Supervisor about the increase in Type VII cold room temperature • Site Manager instructed to activate the Onsite Emergency Control Plan for the immediate mitigation of Type VII cold room • As per Instructions from Chief Incident Controller, site emergency team

		<p>started fire fighting with the help of hydrant system</p> <ul style="list-style-type: none"> • Two persons from emergency team exposed to fire during fire fighting and suffered from burn injury • Called for external help, MIDC Fire tender and Ambulance arrived at Site after call • Two injured person shifted to Local hospital for further treatment with first aider • MIDC Fire fighter team started fire fighting with Site emergency team • Started use of Foam making compound to extinguish the fire • Called additional fire tender from neighboring industry for fire fighting • Informed Local Authority • Informed relatives of injured person • Site people evacuated at Safe location to avoid the exposure of decomposition products • Given media statement on Emergency
19	Whether head count was tallied with gate entries?	<ul style="list-style-type: none"> • Yes
20	Was external help was called? Give details?	<ul style="list-style-type: none"> • Called to Fire tender from MIDC fire station. • Called Ambulance from MMA Hospital • Called Fire tender and Ambulance from Laxmi Organic Industries Limited
21	<p><u>Positive observations during the emergency</u></p> <p>Emergency drill initiated by Regional Emergency Team and Site Manager updated status of emergency actions taken to RET team during the entire drill.</p> <ul style="list-style-type: none"> • All contract workers assembled at Assembly point 1 & 2. • All the site key personnel shifted their walkie talky sets on channel No. 1 • Expected actions as per site emergency plans were taken by key personnel. • Emergency evacuation route checked for emergency exit. • Described the details about Emergency and mitigation actions who assembled at Assembly point. • External communication practiced. • MIDC fire tender arrived at Site for fire fighting • Fire tender and Ambulance support provided by Laxmi Organic Industries • MMA Hospital provided Ambulance for shifting of casualties to MMA Hospital 	

22	<u>Improvement areas noticed with respect to the plan</u> <ul style="list-style-type: none"> • Emergency contact number 111 not connecting to all SMT. • Sound level of office emergency repeater siren is low. • To provide High temperature alarm of Cold storage at control room
23	<u>Action plan for improvement</u> <ul style="list-style-type: none"> • Check New ETP repeater siren and test for operation. • Improve Sound level of office emergency repeater siren. • Update Emergency contact number 111 which is not connecting to all SMT. • Review and finalize the holding statement with updated status on site and to be approved by Regional Manufacturing Director – Communication - Done • There is a concern from HR that in real emergency situation, it'll take a little bit more time to validate the emergency contact numbers of employees' families and whether the contact list is the right one. This drill reminds them to update the contract list once per six months or one year and keep the record up to date – HR / Admin • Make sure the checklist are available for the function coordinators during the RET drill – HSE

Amit Salagare
Chief incident controller

Akshay Atule
Observer

Sanjay Salunke
Site controller

Pictures of Emergency Drill





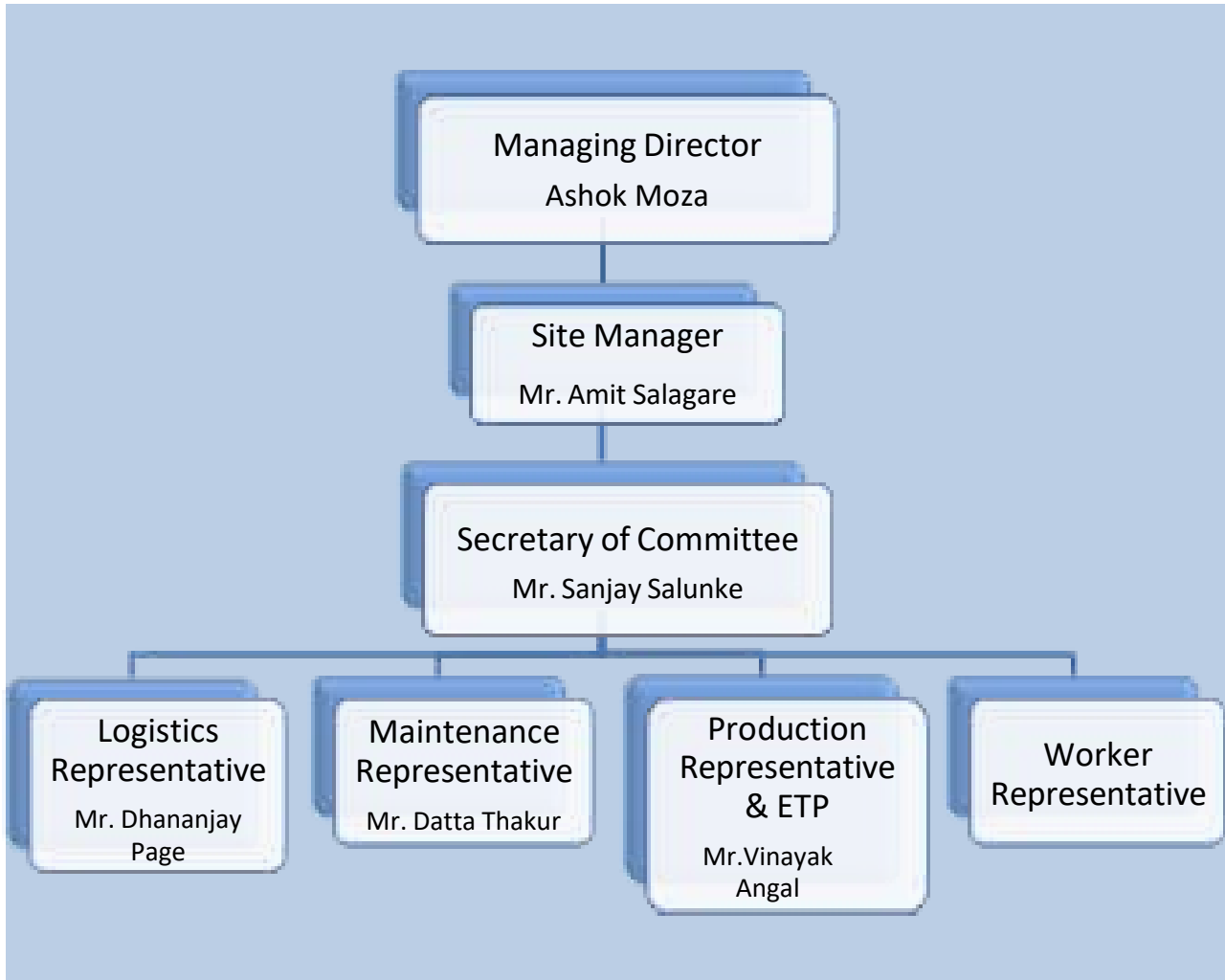








M/s Nouryon Chemicals India Pvt. Ltd.
(Formerly M/s Akzo Nobel India Limited)
E- 18, 19, 20 & C-61 (Part), MIDC Mahad,
District Raigad, Maharashtra.



Schematic Representation of organizational structure of Environment Management



To Whom it May Concern

This is to declare that Nouryon Chemicals India Private Limited (Formerly known as Akzo Nobel India Limited), Plot No E- 18,19,20 and C-61 (Part), MIDC Mahad has been accorded Environmental Clearance, Vide No. 0000000263 Dated 26/04/2018 from State Environment Impact Assessment Authority for setting up project.

The copy of Environmental Clearance letter is available on Environment Department, Government of Maharashtra website : [https:// ecpmch.in](https://ecpmch.in)

Nouryon Chemicals India Private Limited
(Formerly Known as Akzo Nobel India Limited)
Plot No E- 18, 19,20 and C- 61 (part)
MIDC Mahad, 402302

जाहीर सूचना

महाराष्ट्र शासनाने न्यूरॉन केमिकल्स इंडिया प्राइवेट लिमिटेड (पूर्वीचे नाव अक्योनोबेल इंडिया लिमिटेड) प्लॉट नं.१- १८,१९, २० आणि सी- ६१ (भाग) (पार)

एन.आय.सी. महाराष्ट्र येथे मालखान्यावरील रासायनिक कारखाना उभारण्यासाठी पर्यावरण मंजूरी देण्यात आली आहे. (एन.आय.सी. महाराष्ट्र) (SEIAA) पर्यावरण मंजूरी देण्यात आली आहे. संबंधित मंजूरीचे पत्ता : <https://ecpmch.in> व संकेतस्थळाने उपलब्ध आहे.

न्यूरॉन केमिकल्स इंडिया प्राइवेट लिमिटेड
(पूर्वीचे नाव अक्योनोबेल इंडिया लिमिटेड)
प्लॉट नं.१- १८,१९, २० आणि सी - ६१
(पार)
एन.आय.सी. महाराष्ट्र ४०२३०२

ULR:TC515034005015178F

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Nouryon Chemicals India Pvt. Ltd.
Plot E- 18,19,20 & C-61(Part) Mahad, Dist - Raigad, Maharashtra,
INDIA,
Maharashtra

REPORT NO : SAL/MSP1/WFM03/04/WW/24-25-0074)
REPORT DATE : 12/04/2024
CUSTOMER REF : 4200297090
REF DATE : 03/02/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION NO. : 04/WW/24-25-0074) LOCATION : ETP Outlet
SAMPLING PLAN & METHOD NO.: IS 3025 Part 1:1987 SAMPLE SPECIFICATION : Waste Water
RA 2019
SAMPLING DATE : 01/04/2024
SAMPLING TIME : 10:08:00
SAMPLE COLLECTED BY : Mr. Mahesh Naikade (SkyLab)
ANALYSIS START DATE : 03/04/2024
ANALYSIS COMPLETE DATE : 08/04/2024
SAMPLE QUANTITY : 2 Ltr
SAMPLE PACKING : Sealed

Sr.No	Test Parameters	Unit	Result	Norms #	Reference Method
1	pH		7.14	8.5-8.5	IS 3025 (Part 11)
2	Chemical Oxygen Demand	mg/L	152	250	IS 3025 (Part 56)
3	Bio Chemical Oxygen Demand (5 days at 27°C)	mg/L	62	100	IS 3025 (Part 44)
4	Oil & Grease	mg/L	8.4	10	IS 3025 (Part 39)
5	Sulphide, as H ₂ S	mg/L	<0.02	2	IS 3025 (Part 29)
6	Chloride, as Cl	mg/L	405	600	IS 3025 (Part 32)
7	Phenolic Compounds, as C ₆ H ₅ OH	mg/L	<0.001	5.0	IS 3025 (Part 43):2022
8	Sulphate, as SO ₄	mg/L	608	1000	IS 3025 (Part 24)
9	Total Dissolved Solids	mg/L	1916	2100	IS 3025 (Part 16)
10	Phosphate, as PO ₄	mg/L	2.5	5	IS 3025 (Part 31): 1988
11	Ammonical Nitrogen	mg/L	3.92	50	IS 3025 (Part 34)
12	Total suspended solids	mg/L	82	100	IS 3025 (Part 17)
13	Chromium as Cr	mg/L	<0.01	0.10	IS 3025 (Part 2)

ND: Not Detected, NS: Not Specified # As per MPCB Consent.

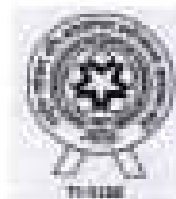
Opinion/Observation: Analyzed parameters in above tested sample are within limit as per specified standard.

Note : NA

Analyzed By

Abul Shaheer

Sr Analyst



For SKYLAB ANALYTICAL LABORATORY



Dr.Datta Mendhara

(Authorized Signatory)

END OF REPORT



TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Nouryon Chemicals India Pvt. Ltd.
Plot E- 18,19,20 & C-81(Part) Mahad, Dist- Raigad, Maharashtra,
INDIA, Maharashtra

REPORT NO : SAL/MSP19/FM03/04/WW(24-25-0074)
REPORT DATE : 12/04/2024
CUSTOMER REF : 4200257090
REF DATE : 03/02/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION NO. : 04/WW(24-25-0074) LOCATION : ETP Outlet
SAMPLING PLAN & METHOD NO.: IS 3025 Part 1:1987 RA 2019 SAMPLE SPECIFICATION : Waste Water
SAMPLING DATE : 01/04/2024 SAMPLE COLLECTED BY : Mr. Mahesh Nalkade (SkyLab)
SAMPLING TIME : 10:08:00 SAMPLE QUANTITY : 2 Ltr
ANALYSIS START DATE : 03/04/2024 SAMPLE PACKING : Sealed
ANALYSIS COMPLETE DATE : 06/04/2024

Sr.No.	Test Parameters	Unit	Result	Norms #	Reference Method
1	Bioassay Test	%	NS	90% survival of fish after 96 hours in 100% effluent	IS-4582 (Part 1)
2	Percent Sodium	%	0.002	NS	IS 3025 (Part 45)

ND: Not Detected, NS: Not Specified #. As per MPCB Consent.

Opinion/Observation: Analyzed parameters in above tested sample are within limit as per specified standard

Note : NA

Analyzed By



Atul Shahane

Sr Analyst

For SKYLAB ANALYTICAL LABORATORY




Dr. Datta Manjhi

(Authorized Signatory)

END OF REPORT

- This report reflects finding only for the above sample tested/analyzed and only for time and place of monitoring/testing.
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- Any attempt of forgery or misusing use of this report by any person/organization etc. will attract suitable legal action against them by SKYLAB Analytical Laboratory.



ULR/TC815024000017276F

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Neuryon Chemicals India Pvt. Ltd.
Plot E- 18, 19, 20 & C-51(Part) Mahad, Dist. - Raigad, Maharashtra,
INDIA,
Maharashtra

REPORT No. : SALMSF18FM03/05WW/24-25-0318
REPORT DATE : 17/05/2024
CUSTOMER REF : 4200178634
REF DATE : 18/01/2022

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No. : 05/WW/24-25-0318
SAMPLING PLAN & METHOD No.: IS 3025 Part 1:1987 RA 2019
SAMPLING DATE : 07/05/2024
SAMPLING TIME : 04:50:00
ANALYSIS START DATE : 08/05/2024
ANALYSIS COMPLETE DATE : 14/05/2024

LOCATION : ETP Outlet
SAMPLE SPECIFICATION : Waste Water
SAMPLE COLLECTED BY : Mr. Datta Korde (SkyLab)
SAMPLE QUANTITY : 2 Ltr
SAMPLE PACKING : Sealed


Sr.No.	Test Parameters	Unit	Result	Norm#	Reference Method
1	pH	Units	7.99	6.5 to 8.5	IS 3025 (Part 11)
2	Chemical Oxygen Demand	mg/L	178	250	IS 3025 (Part 50)
3	Bio Chemical Oxygen Demand (3 days at 20°C)	mg/L	55.5	100	IS 3025 (Part 44)
4	Oil & Grease	mg/L	<5	10	IS 3025 (Part 35)
5	Sulphate, as SO ₄	mg/L	<50	2	IS 3025 (Part 29)
6	Chloride, as Cl	mg/L	485	500	IS 3025 (Part 32)
7	Phenolic Compounds, as C ₆ H ₅ OH	mg/L	<0.001	5.0	IS 3025 (Part 43)
8	Sulphate, as SO ₄	mg/L	554	1000	IS 3025 (Part 29)
9	Total Dissolved Solids	mg/L	1075	2100	IS 3025 (Part 16)
10	Phosphate, as PO ₄	mg/L	2.1	5	IS 3025 (Part 31)
11	Ammonical Nitrogen		<0.5	50	IS 3025 (Part 24)
12	Total suspended solids	mg/L	5	NS	IS 3025 (Part 17)
13	Chromium as Cr	mg/L	<0.01	NS	IS 3025 (Part 2)

ND: Not Detected, NS: Not Specified, # As per MPCB Consent.

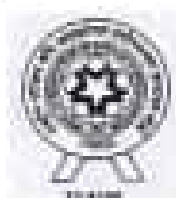
Opinion/Observation: Analyzed parameters in above tested sample are within limit as per specified standard

Note : NA

Analyzed By


Tejeshri Chavan

Sr Analyst



For SKYLAB ANALYTICAL LABORATORY


Dr. Datta Mandhane

(Authorized Signatory)

END OF REPORT

1. This report reflects finding only for the above sample tested/analyzed and only for time and place of monitoring/testing
2. This report is confidential & cannot be re-produced in part or full without permission of SKYLAB Analytical Laboratory
3. Any attempt of forgery or misusing use of this report by any person/organization etc will attract suitable legal action against them by SKYLAB Analytical Laboratory.



TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Nouryon Chemicals India Pvt. Ltd.
Plot E- 18,19,20 & C-01(Part) Mahad, Dist.- Raigad, Maharashtra,
INDIA,
Maharashtra

REPORT No. : SAL/MSP16/FM03/05/WW/24-25-0318)
REPORT DATE : 17/05/2024
CUSTOMER REF : 4300178034
REF DATE : 18/01/2022

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No. : 05/WW/24-25-0318) LOCATION : ETP Outlet
SAMPLING PLAN & METHOD No.: IS 3025 Part 1:1987 RA SAMPLE SPECIFICATION : Waste Water
2018
SAMPLING DATE : 07/05/2024
SAMPLING TIME : 04:50:00 SAMPLE COLLECTED BY : Mr. Datta Korde (SkyLab)
ANALYSIS START DATE : 08/05/2024
ANALYSIS COMPLETE DATE : 14/05/2024 SAMPLE QUANTITY : 2 Ltr
SAMPLE PACKING : Sealed


Sr.No.	Test Parameters	Unit	Result	Normal 90% survival of fish after 96 hours in 100% effluent	Reference Method
1	Bioassay Test	%	80		IS 6502 (Part 1)
2	Percent Sodium	%	0.028	80	IS 3025 (Part 42)

ND: Not Detected, NS: Not Specified, # As per MPCB Consent.


Opinion/Observation: Analyzed parameters in above tested sample are within limit as per specified standard

Note : NA

Analyzed By


Tejasraj Chavan
Sr Analyst

For SKYLAB ANALYTICAL LABORATORY


Dr. Datta Mandhare
(Authorized Signatory)

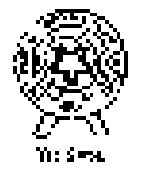
END OF REPORT

- This report reflects finding only for the above sample tested/mentioned and only for time and place of testing/testing.
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- Any attempt of forgery or misleading use of this report by any person/organization etc will attract suitable legal action against them by SKYLAB Analytical Laboratory.





ANALYTICAL LABORATORY



10, Ground Floor, Park Road, Sector-10, Colaba, Mumbai-400025
 Cell: 022-26452007, 022-46603715 & 022-49001300
 Fax: 022-26452007, 022-46603715 & 022-49001300
 E-MAIL: info@skylabindia.com

URL: www.skylabindia.com

TEST REPORT

NAME & ADDRESS OF CUSTOMER:
 M/s. Kosycos Chemicals India Pvt. Ltd
 Plot E 10, 19, 20 & C-61 (Phase) Kurla, East - Rajiv Gandhi, Maharashtra,
 INDIA,
 Maharashtra

REPORT No. : SKYLAB/INDIA/02/24-25-0387
REPORT DATE : 24/03/24
CUSTOMER REF : Verbal
REF DATE : 09/03/24

SAMPLE TYPE: Waste Water


SAMPLE REGISTRATION No. : SKYLAB/24-25-0387 **LOCATION :** ETP Outlet
SAMPLING PLAN & METHOD No. : IS 3025 Part I **SAMPLE SPECIFICATION :** Waste Water
SAMPLING DATE : 08/03/24
SAMPLING TIME : 00:43:00 **SAMPLE COLLECTED BY :** M. Prakash Kumar (SKYLAB)
ANALYSIS START DATE : 08/03/24 **SAMPLE QUANTITY :** 2 Litrs.
ANALYSIS COMPLETE DATE : 17/03/2024 **SAMPLE PACKING :** Sealed

Sr. No.	Test Parameters	Unit	Result	Stand	Reference Method
1	pH		7.87	6.5-8.5	IS 3025 Part I)
2	Chlorine Demand (CC)	mg/l	224	200	IS 3025 Part 5)
3	Total Chlorine Demand (CC) (after 30 min)	mg/l	60	100	IS 3025 Part 4)
4	Chlorine Residual	mg/l	43	50	IS 3025 Part 3)
5	Sulphate, as SO4	mg/l	<0.02	7	IS 3025 Part 2)
6	Calcium, as Ca	mg/l	141	200	IS 3025 Part 7)
7	Magnesium, as Mg	mg/l	<0.02	50	IS 3025 Part 8)
8	Sulphate, as SO4	mg/l	474	500	IS 3025 Part 2)
9	Total Chlorine Demand	mg/l	500	2100	IS 3025 Part 1)
10	Phosphate, as P2O5	mg/l	<0.1	5	IS 3025 Part 12)
11	Ammonical Nitrogen	mg/l	<0.5	50	IS 3025 Part 11)
12	Total suspended solids	mg/l	20	100	IS 3025 Part 9)
13	Chloride, as Cl	mg/l	<1.00	0.50	IS 3025 Part 1)


ND: Not Detected MSR Not Reported at Applicable IS Standards.
 Cation/Anion: Analyzed parameters in above table sample are within limit as per specified standard.

Note :

Analyzed By


 Tejashri Chauhan
 Sr Analyst

For SKYLAB ANALYTICAL LABORATORY


 Dr. Rishi Manoj
 (Authorized Signatory)

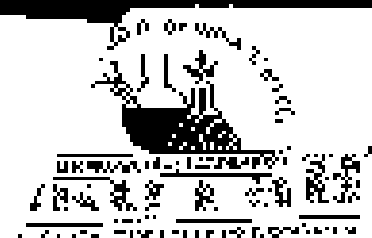
END OF REPORT



1. This is part when forwarded to the local sample lab after withdrawal only for the analysis of reference method.
 2. This is part of the report if the same is required as per the IS 3025 Part I of SKYLAB Analytical Laboratory.
 3. Any change/alteration in the report shall be approved by the concerned authority of the laboratory.
 4. SKYLAB is a ISO 9001:2015 Certified Organization.

102, CMC, 3rd Floor, 1st Stage, Kalyan, Maharashtra - 401501, India
 Phone: 022-26452007, 022-46603715, 022-49001300
 Email: info@skylabindia.com, sales@skylabindia.com
 SKYLAB is always looking for improvement. For better customer service, we welcome your feedback via: feedback@skylabindia.com

SALAB212203 46403



ANALYTICAL LABORATORY

REGISTRATION NO. MH/10/2014/123456789 (10/10/2014) & MH/10/2014/123456789
 CONTROL NO. 1001/2014 (10/10/2014) & 1001/2014/123456789
 Government of Maharashtra, Ministry of Environment, Forests & Climate Change, Maharashtra, India. Government of Maharashtra
 • ENVIRONMENT • WATER • TEXTILE

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Mahesh Chemicals India Pvt. Ltd.
 Plot E, 12, 13, 14 & 15 (Far) Mahad, Dist. Raigad, Maharashtra,
 INDIA.
 Maharashtra

REPORT No. : SAJMES/PRO/IND/001/2014/015-0187
 REPORT DATE : 23/01/2024
 CUSTOMER REF : Verbal
 REF DATE : 18/01/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No. : 00111122 22-01-2024 LOCATION : ERP Office
 SAMPUNG PLAN & METHOD No. : RE 3025 Part 1 SAMPLE SPECIFICATION : Waste Water
 SAMPUNG DATE : 08/01/2024 SAMPLE COLLECTED BY : Mr. Prakash Umant (Sajilal)
 SAMPUNG TIME : 09:45 AM SAMPLE QUANTITY : 2 Ltrs.
 ANALYSIS START DATE : 10/01/2024 SAMPLE PACKING : Sealed
 ANALYSIS COMPLETE DATE : 17/01/2024

Sr.No.	Test Parameters	Unit	Result	Range (Standard or Method)	Reference Method
1	Bioassay Test	%	92	90-95 (BIS)	IS 1582 (Part 1)
2	Percent Bioassay	%	9.04	5-10 (BIS)	IS 3025 (Part 1)

NO: Not Detected, NS: Not Specified, A: As per MPOB Consent

General Observations: Analyzed parameters in above listed sample Except DCO, Silica, Chlorine within limits as per respective standard.

Note :

Analyzed By

FORSAKY AN ANALYTICAL LABORATORY

Fajalal Chavan

Dr. Datta Mandhare

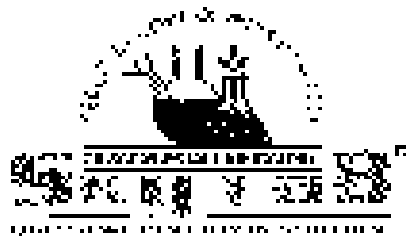
Sr Analyst

(Authorized Signatory)

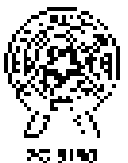
END OF REPORT

- This report is valid for only one use for the above sample (Lab Use Only) - Cannot be used as proof of work legitimacy.
- This report is generated by computer. It is not subject to audit or review. Please contact ForSAKY Analytical Laboratory.
- Amendment of report is not allowed. Any modification by any person other than authorized person will be treated as illegal and subject to action by ForSAKY Analytical Laboratory.





SKYLAB ANALYTICAL LABORATORY



Established by MOA, as per GOPTC, 1995 (20)

Capacities: 50,000 L/day, 100,000 L/day, 200,000 L/day, 500,000 L/day

20 registered by MOA, as per GOPTC, 1995 (20) under various orders of the Government of Karnataka

• EMPLOYMENT • FOOD • HEALTH

URL: www.skylab.com

TEST REPORT

NAME & ADDRESS OF CUSTOMER

M/s. Marutha Chemicals India Pvt. Ltd
Floor - 18, 19, 20 & 21 (Part) 4th Fl., Unit - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
KAMA,
Malleshwara

REPORT No. : SAL005P19FM0007000024 25-07-2024
REPORT DATE : 25-07-2024
CUSTOMER REF : Verbal
REF DATE : 09/07/2024

SAMPLE TYPE Waste Water

SAMPLE REGISTRATION No. : 07070024 25 0415
SAMPLING PLAN & METHOD No. : IS 3025 Part 1
SAMPLING DATE : 17/07/2024
SAMPLING TIME : 10:30 AM

LOCATION : ETP Outlet
SAMPLE SPECIFICATION : Waste Water
SAMPLE COLLECTED BY : Mr. Pramod Gushkar (Skylab)

ANALYSIS START DATE : 15/07/2024
ANALYSIS COMPLETE DATE : 17/07/2024

SAMPLE QUANTITY : 1 Ltr
SAMPLE PACKING : Sealed

Sl.No.	Test Parameters	Unit	Result	Remarks	Reference Method
1	pH	-	7.07	6.5-8.5	IS 3025 (Part 1)
2	Chemical Oxygen Demand	mg/L	88	50	IS 3025 (Part 2)
3	Bio Chemical Oxygen Demand (5 days at 20°C)	mg/L	41	100	IS 3025 (Part 3)
4	TSS & Suspended Solids	mg/L	75	70	IS 3025 (Part 2)
5	Sulphide as H ₂ S	mg/L	<0.07	1	IS 3025 (Part 2)
6	Chloride, as Cl ⁻	mg/L	280	600	IS 3025 (Part 3)
7	Free Residual Chlorine, as Cl ₂	mg/L	<0.001	50	IS 3025 (Part 4)
8	Hardness, as CaH ₂	mg/L	813	500	IS 3025 (Part 2)
9	Total Suspended Solids	mg/L	2104	2100	IS 3025 (Part 2)
10	Phosphate, as P ₂ O ₅	mg/L	3.8	5	IS 3025 (Part 1)
11	Ammonical Nitrogen	mg/L	415	50	IS 3025 (Part 2)
12	Total suspended solids	mg/L	67	100	IS 3025 (Part 2)
13	Chloride as Cl ⁻	mg/L	<0.05	0.50	IS 3025 (Part 3)

ND: Not Detected, NS: Not Specified, * As per ISPCO Consent

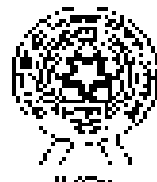
Comment/Observation: Analyzed parameters in above tested sample are within limit as per specified standard

Note: (N)

Analyzed By

For SKYLAB ANALYTICAL LABORATORY

Tegendra Chandra
Sr Analyst



Dr. Datta Singhania
(Authorized Signatory)

END OF REPORT

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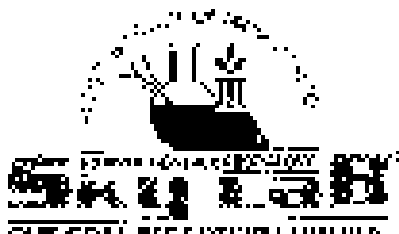


SKYLAB Analytical Laboratory, 18, 19, 20 & 21 (Part) 4th Fl., Unit - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, KAMA, Malleshwara, Bangalore - 560004, Karnataka, India. Phone: 080-26000000, 080-26000001

Web: www.skylab.com | Email: info@skylab.com | WhatsApp: www.whatsapp.com

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SAL005P19FM0007000024



SHYLAB

ANALYTICAL LABORATORY

Accredited by NABL as per ISO/IEC 17025:2017

Registered by FSO/900/2016, ISO 9001:2015 & ISO 14001:2015

Approved by Maharashtra Government for the use of Government Analysts for the purpose of Environmental Monitoring

• ENVIRONMENT • FOOD • WATER

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Morgan Chemicals India Pvt. Ltd.
Plot F-18, 19, 20 & C-53 (Part) Market, East - Kalyan, Maharashtra
INDIA
Kalyan (W)

REPORT No. : SALMCPH5FM121007/44W14-25-0425)
REPORT DATE : 16/07/2024
CUSTOMER REF : Verbal
REF DATE : 05/06/2024

SAMPLE TYPE *Water*

SAMPLE REGISTRATION No. : UTMWAP/05-0469 LOCATION : Plot 19/20
SAMPLING PLAN & METHOD No. : IS 3095 Part 1 SAMPLE SPECIFICATION : Water
SAMPLING DATE : 12/07/2024 SAMPLE COLLECTED BY : Mr. Prasad S. Chavan (ShyLab)
SAMPLING TIME : 10:30:00
SAMPLING STARTS DATE : 10/07/2024 SAMPLE QUANTITY : 5 Litrs.
ANALYSIS COMPLETE DATE : 17/07/2024 SAMPLE PACKING : Sealed

Sr.No	Test Parameters	Unit	Result	TEST METHOD / Reference Method	Reference Method
1	Residual Chlorine	%	31	IS 3095 Part 1 / 30 hours in 100% - I/Even!	IS 3095 (Part 1)
2	Free Residual Chlorine	%	0.025	IS 3095 Part 1	IS 3095 (Part 1)

MR: Not Detected, MB: Not Specified, B: As per MFCB Consent.

Concentration/Concentration Analyzed parameters in above tested sample are within limit as per specified standard.

State : MH

Analyzed By

S. Analyst

For SHYLAB ANALYTICAL LABORATORY

Dr. Datta Rajendra
(Authorized Signatory)

END OF REPORT

- 1. This report is valid only for the purpose for which it is issued and only for the use and place of the sample.
- 2. This report is not a certificate of conformity and does not constitute a guarantee of the quality of the sample.
- 3. Any change in the report is made only by the use of the original report and the original report is the only valid one.



SALMCPH5FM121007/44W14-25-0425)



ANALYTICAL LABORATORY

A Accredited by ISO 15189:2013 (2015) and ISO 9001:2015 (2015)

ISO 15189:2013 (2015) and ISO 9001:2015 (2015)

Established by Government of Maharashtra, India. Maharashtra State Government Analytical Bureau
- MUMBAI - INDIA

BLR:TC51950400302325EF

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Nouryon Chemicals India Pvt. Ltd
Plot No. 18, 19, 20 & C-64, Farid Mehab, Dist. Rajgad, Maharashtra,
INDIA,
Mumbai 400 004

REPORT No. : SKLMSR157803R0300000747540005
REPORT DATE : 21/08/2024
CUSTOMER REF : 966661
REF DATE : 20/08/2024

SAMPLE TYPE: Waste Water


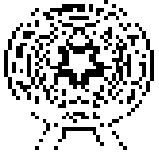

SAMPLE IDENTIFICATION No. :	08000124 25-01081	LOCATION :	ETP Outfall
SAMPLE NO. PLAN & METHOD No. :	55 3025 Part 1	SAMPLE SPECIFICATION :	Waste Water
SAMPLE NO. DATE :	17/08/2024	SAMPLE COLLECTED BY :	2611 Harshad Sankar (SKL/SS)
SAMPLE TIME :	10:45:49	SAMPLE QUANTITY :	1 lit
ANALYSIS START DATE :	14/08/2025	SAMPLE PACKING :	Sealed
ANALYSIS COMPLETE DATE :	20/08/2024		

Sr No.	Test Parameter	Unit	Result	Range	Reference Method
1	pH		8.40	5.5-11.5	IS 3025 (Part 1)
2	Chemical Oxygen Demand	mg/L	242	250	IS 3025 (Part 15)
3	Bio Chemical Oxygen Demand (5 days at 20°C)	mg/L	74	300	IS 3025 (Part 16)
4	Total Dissolved Solids	mg/L	82	10	IS 3025 (Part 18)
5	Total Suspended Solids	mg/L	1000	2	IS 3025 (Part 19)
6	Chloride, as Cl	mg/L	150	1200	IS 3025 (Part 20)
7	Fluoride, as F (ppm)	mg/L	<0.001	5.0	IS 3025 (Part 21)
8	Ammonia, as N (ppm)	mg/L	0.11	1000	IS 3025 (Part 24)
9	Total Dissolved Solids	mg/L	20.15	2000	IS 3025 (Part 18)
10	Phosphate, as P (ppm)	mg/L	0.1	5	IS 3025 (Part 25)
11	Ammonical Nitrogen	mg/L	0.5	50	IS 3025 (Part 24)
12	Total Dissolved Solids	mg/L	32	200	IS 3025 (Part 18)
13	Cadmium, as Cr	mg/L	<0.1	0.10	IS 3025 (Part 2)

ND: Not Detected, NS: Not Specified, N/A: Not Applicable

Optimum Observation: Analyzed parameters in which tested are within limit as per specified standard.

NOTE:

Analyzed By  Tejash Chavan Sr Analyst	 GOVERNMENT OF MAHARASHTRA	For SKYLAB ANALYTICAL LABORATORY  Dr. P. K. Shetye (Authorized Signatory)
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END OF REPORT

1. The report will not be valid if the sample is not received at our office in a duly sealed and labeled container.
 2. The report is valid only for the parameters specified in the report and not for other parameters not specified in the report.
 3. Any other report or observation made after report is not valid and should be re-analyzed by our laboratory.



ANALYTICAL LABORATORY

WINDYVALE ROAD, SOUTH AFRICA (2601 2414) PO BOX 20024
 HAYLEIGH, 1601 (201) 261 1801 FAX (201) 261 5501/2011

SKYLAB is a member of the South African Bureau of Standards (SABS) and is accredited as an ISO 17025 laboratory
 - ENVIRONMENTAL - WASTEWATER - WASTE

TEST REPORT

NAME & ADDRESS OF CLIENT:

M/s. Hanyon Chemicals India Pvt. Ltd
 PLOT 16, 17, 18 & C-6/2/2011, Ampthor Road - Road, Marunhala, Jhansi, Madhya Pradesh

REPORT No. : SALAKSP1271503001001104-01-01502
 REPORT DATE : 21/08/2024
 QUANTITY REF : NA/NA
 REF DATE : 10/08/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No. : 02/08/24-25-0705 LOCATION : ETP Outlet
 SAMPLING PLAN & REFERENCE No : IS 3025 Part 1 SAMPLE SPECIFICATION : Waste Water
 SAMPLING DATE : 16/08/2024 SAMPLE COLLECTED BY : Mr. Ebrahim Sultan (SKYLAB)
 SAMPLING TIME : 10:45:00 SAMPLE QUANTITY : 4 Lit
 ANALYSIS START DATE : 16/08/2024 SAMPLE PACKING : Sealed
 ANALYSIS COMPLETE DATE : 20/08/2024

Sr. No.	Test Parameters	Unit	Result	Specification Limit	Reference Standard
1	Hexavalent Test	%	0.0	≤ 0.0005 mg/L	IS 3025 (Part 1)
2	Formaldehyde	%	0.002	≤ 0.005 mg/L	IS 3025 (Part 1)

NOTE: For Hexavalent, MS: 500 (ppm), 20/100 per MILCR Control

Condition/Remark: Analyzed parameters in above listed sample are within limit as per specified standard

NOTE:

Analysed By



Dr. Analyst

For SKYLAB ANALYTICAL LABORATORY

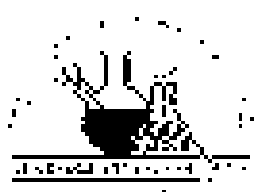


Dr. Drifa Subashini
 (Ambassador, SKYLAB)

END OF REPORT

- This report is the property of the client and is to be used only for the test and purpose of the analysis.
- This report contains information generated by the laboratory and is not to be used for any other purpose.
- Any sample of hazardous waste should be reported to the appropriate authority in accordance with the applicable legislation.





ANALYTICAL LABORATORY

Addressed to: PABU, 25/01/2024, 11:00 AM to 12:00 PM
Contact No: 02002202020, 02002202021, 02002202022
E-mail: info@sky-lab.com, sales@sky-lab.com, support@sky-lab.com
www.sky-lab.com

ULM:TC015014609259457

TEST REPORT

NAME & ADDRESS OF CUSTOMER:
M/s. Kavya Chemicals India Pvt. Ltd.
Plot E-12, 12/20/10-610/10 Mahad, Dist - Raigad, Maharashtra,
INDIA,
Maharashtra

REPORT No. : SKLABSP/25/01/2024/00000224-25 04 101
REPORT DATE : 14/06/2024
CUSTOMER REF : 420197090
REF DATE : 02/02/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No. : 09030024 25-01189
SAMPLE PLAN & METHOD No. : RI 3025 (Part 1)
SAMPLING DATE : 01/06/2024
SAMPLING TIME : 10:30 AM

LOCATION : HTP Gulch
SAMPLE SPECIFICATION : Waste Water
SAMPLE COLLECTED BY : Mr. Manoj Sudekar (SKLAB)

ANALYSIS START DATE : 11/06/2024
ANALYSIS COMPLETE DATE : 14/06/2024

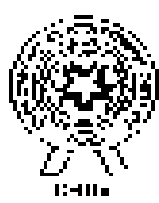
SAMPLE QUANTITY : 1 ltr
SAMPLE PACKING : Sealed

Sl.No.	Test Parameters	Unit	Result	Range	Reference Method
1	pH		7.75	6.5-8.5	IS 3025 (Part 1)
2	Chemical Oxygen Demand	mg/L	135	250	IS 3025 (Part 5B)
3	Bio Chemical Oxygen Demand (5 days @ 20°C)	mg/L	48	750	IS 3025 (Part 4)
4	Oil & Grease	mg/L	45	10	IS 3025 (Part 3B)
5	Sulphate, as SO ₄	mg/L	5001	?	IS 3025 (Part 2B)
6	Chloride, as Cl ⁻	mg/L	501	500	IS 3025 (Part 3C)
7	Free Chlorine Residual, as Cl ₂ (mg/L)	mg/L	<0.001	0.5	IS 3025 (Part 4C)
8	Sulphate, as SO ₄	mg/L	575	1000	IS 3025 (Part 2A)
9	Total Dissolved Solids	mg/L	2088	>100	IS 3025 (Part 1C)
10	Phosphate, as PO ₄	mg/L	10.1	5	IS 3025 (Part 3D)
11	Ammonia Nitrogen	mg/L	5	50	IS 3025 (Part 3E)
12	Total suspended solids	mg/L	12	100	IS 3025 (Part 2C)
13	Chlorine Residual	mg/L	<0.05	0.20	IS 3025 (Part 2E)

Unit: Not Mentioned, Not Specified, as per APHA/PCA Standard
Optimum Resultation: Analyzed parameters in above tested sample are within limit as per specified standard
Note:

Analyzed By

Tajvir Chohan
Sr Analyst



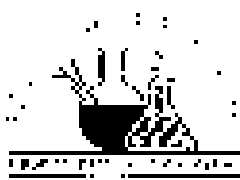
For SKYLAB ANALYTICAL LABORATORY

Dr. Bala Chandrasekar
(Authorized Signatory)

END OF REPORT



1. We report only the results for the tests sample submitted and we do not give any kind of responsibility.
2. Chemical analysis is carried out using primary and secondary standards purchased from reputed analytical laboratory.
3. Analytical laboratory is certified by ISO 9001:2015, ISO 17025:2017 and ISO 14001:2015 registered and approved by SKYLAB Analytical Laboratory.



ANALYTICAL LABORATORY

Unit 105/106, No. 10, 11th Street, 12th Floor, 10th Avenue,
Cinemas, BKL 60012015-150, 60012015-150 & 60012015-150
Singapore • 11th Street, 12th Floor, 10th Avenue, Cinemas, BKL 60012015-150
Tel: (65) 6334 1111 • Fax: (65) 6334 1112 • Email: info@bkl.com.sg

TEST REPORT

NAME & ADDRESS OF CUSTOMER:

M/s. Nanyang Commercial India Pte Ltd
Flt E- 18 10/20 & 5-5H(Part) Mahad Dist.- Rajah Malarakha,
Kerala,
Malaysia

REPORT No. : BKL/ANAL/10/10/10/00000000024-25-0415
REPORT DATE : 14/09/2024
CUSTOMER REF : 4001937030
REF DATE : 02/09/2024

SAMPLE TYPE: Waste Water

SAMPLE REGISTRATION No.	: 001W024 25 0415	LOCATION	: ETP Outlet
SAMPLE COLLECTION & RETURN DATE	: 15/09/2024	SAMPLE SPECIFICATION	: Waste Water
SAMPLE QUANTITY	: 400ml	SAMPLE COLLECTED BY	: Mr. Anand Kumar (K/18)
SAMPLE TIME	: 10:30 AM	SAMPLE QUANTITY	: 4 L
ANALYSIS START DATE	: 15/09/2024	SAMPLE PACKING	: Sealed
ANALYSIS COMPLETE DATE	: 14/09/2024		

Sl. No.	Test Parameters	Unit	Result	Remark	Reference Method
1	Bovine Test	%	NT	20% survival of	IS 8547 (Part 1)
2	Micro System	%	NT	NT	IS 8547 (Part 4b)

NOTE: Not Detected (NT): Not Specified (N.S.): per (MTC) (L/1000ml)

Disclaimer: Results are based on samples analyzed. Parameters not tested are not within the scope of this report.

Date:

Analyzed By

(Signature)
Tejasvir Chavan
Sr Analyst

For BKL/ANALYTICAL LABORATORY

(Signature)
Dr. Datta Bhaskar
(Authorized Signatory)

END OF REPORT



This report is valid only if the digital signature is verified with the public key provided. Any alteration or tampering of the report by any unauthorized person will be held liable for the consequences.

ANALYSIS TEST REPORT

Report No	SEETL240002187	Report Date	16/06/2024	
Name of Client	M/s. Neorgan Chemicals India Pvt Ltd,			
Address of Client	Plot No. E-18/19/20, 61 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.			
Order / Reference	PO No. 4200295019, Dated-20/01/2024			
Date Of Sampling	10/06/2024	Sample Receipt Date	11/06/2024	
Analysis Started on	11/06/2024	Analysis Completed On	14/06/2024	
ULN No	TC-1220734000018073			
Sample Collected By	SEETL Representative			
Sampling Plan	SEETL/AD/F-03	Sampling SOP No.	SEETL/AD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	52

AMBIENT AIR STATION

Location of H.V.S.	Near Changing Room		
Lateral Distance	5.0 Meter From Changing Room		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature (°C)	27	Humidity (%)	67
Wind Speed (km/hr)	9	Wind Direction (deg°)	SW215
Instruments Used	B.O.S (APM-480), F.P.S (APM-550), G.P.S (APM-411) & Benzene Sampler (ST-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM ₁₀	63.26	µg/m ³	100.00	IS 5182 (Part 21) 2006 SA, 2012
PM _{2.5}	29.25	µg/m ³	60.00	EPA Quality assurance guidance document 2.12, based on CPCB-2011
Sulphur dioxide (SO ₂)	13.54	µg/m ³	80.00	IS 5182 (Part 3/Sec 1) 2013
Nitrogen dioxide (NO ₂)	15.75	µg/m ³	80.00	IS 5182 (Part 4) 2006 SA, 2012
Ammonia (NH ₃)	<20.00	µg/m ³	600.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-1, 2011
Carbon monoxide (CO)	0.77	mg/m ³	04.00	IS 5182 (Part 10) 1994 SA 2019
Lead as Pb	<0.10	µg/m ³	01.00	EPA compendium method IO 3.3: 2012
Benzene (C ₆ H ₆)	<4.00	µg/m ³	1.00	IS 5182 (Part 11) 2006 SA 2007
Arsenic (As)	<5.00	ng/m ³	5.00	EPA compendium method IO 3.5: 2012
Nickel (Ni)	<5.00	ng/m ³	10.00	EPA compendium method IO 3.3: 2012
Ozone (O ₃)	11.45	µg/m ³	180.00	IS 5182 (Part 9) 1974 SA, 2019
Benzo(a)Pyrene (BaP)	<0.10	ng/m ³	1.00	IS 5182 (Part 12) 2004 SA, 2019

NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
 2) PM₁₀-Particulate Matter of size < 10 µm, PM_{2.5}- Particulate Matter of size < 2.5 µm
 3) NAAQS- National Ambient Air Quality Standards
 4) Lower Detection Limit (NH₃-20 µg/m³, (Pb)-0.10 µg/m³, (C₆H₆-4 µg/m³), (As) <5 ng/m³, (Ni) <5 ng/m³, (Benzo(a)Pyrene)-0.1 ng/m³)
 5) This certificate may not be reproduced without the permission of this Laboratory.

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

(Signature)
 Authorised Signatory
 Trupti Mayekar



Checked by
(Signature)



Sadekar Enviro Engineers Private Limited

Plot No. 2/10, Ward No. 10, Green Nagar Road, TTC, Wagle Industrial Area, Thane - 401004, Maharashtra, India, India
 P: +91-22-2592 2221 / 2592 2222 / 2592 2223 / 2592 2224 • E-mail: info@sadekarenviro.com / sadekar@satyam.net
 Lab Accredited by NABL, Certificate No. 10049-2020



ANALYSIS TEST REPORT

Report No	SEETL240002388	Report Date	18/06/2024	
Name of Client	M/s. Neuryon Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-18/19/20, G1 (Part), MIDC Mahad, Dist. Raigad, 402302, Maharashtra.			
Order / Reference	PO No. 4200295018, Dated-20/01/2024			
Date Of Sampling	10/06/2024	Sample Receipt Date	11/06/2024	
Analysis Started on	13/06/2024	Analysis Completed On	14/06/2024	
UIR No	TC-122072400001808F			
Sample Collected By	SEETL Representative			
Sampling Plan	SEETL/LO/F-03	Sampling SOP No.	SEETL/LO/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.3	Humidity (%)	57

AMBIENT AIR STATION

Location of H.V.S.	Near Tyta-5		
Lateral Distance	5.0 Meter From Tyta-5		
Receiver Distance	1.5 Meters From Ground Level		
Ambient Temperature (°C)	27	Humidity (%)	67
Wind Speed (km/hr)	9	Wind Direction (deg°)	SW215
Instruments Used	R.D.S (APM-400), F.P.S (APM-550), G.P.S (APM-413) & Benzene Sampler (DT-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAQS Limits	Method
PM ₁₀	59.72	µg/m ³	100.00	IS 5182 (Part 23) 2006 RA: 2012
PM _{2.5}	29.40	µg/m ³	60.00	EPA Quality assurance guideline document 3.12, based on CPCB- 2011
Sulphur dioxide (SO ₂)	12.94	µg/m ³	80.00	IS 5182 (Part 2/Sec 1)-2023
Nitrogen dioxide (NO ₂)	14.08	µg/m ³	80.00	IS 5182 (Part 6) 2006 RA: 2012
Ammonia (NH ₃)	<20.00	µg/m ³	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-1, 2011
Carbon monoxide (CO)	0.84	mg/m ³	94.00	IS 5182 (Part 10) : 1999 RA 2015
Lead as Pb	<0.10	µg/m ³	01.00	EPA compendium method IO 3.5: 2012
Benzene (C ₆ H ₆)	<4.00	µg/m ³	5.00	IS 5182 (Part 11) 2006 RA: 2012
Arsenic (As)	<5.00	ng/m ³	6.00	EPA compendium method IO 3.5: 2012
Nickel (Ni)	<5.00	ng/m ³	20.00	EPA compendium method IO 3.5: 2012
Ozone (O ₃)	15.04	µg/m ³	180.00	IS 5182 (Part 9): 1974 RA: 2019
Benzo(a)Pyrene (BaP)	<0.10	ng/m ³	1.00	IS 5182 (Part 12): 2004 RA: 2019

- NOTE: 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
 2) PM₁₀ - Particulate Matter of size < 10 µm, PM_{2.5} - Particulate Matter of size < 2.5 µm
 3) NAQS-National Ambient Air Quality Standards
 4) Lower Detection Limit (NH₃<20 µg/m³, (Pb)<0.10 µg/m³, (C₆H₆)<4 µg/m³, (As) <5 ng/m³, (Ni) <5 ng/m³, (Benzo(a)Pyrenes) 0.1 ng/m³)
 5) This certificate may not be reproduced without the permission of this Laboratory.

***** (END OF THE REPORT)*****

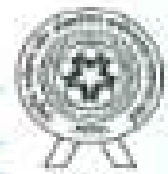
[Signature]
 Authorized Signatory
 Trust Manager

Chetan
[Signature]



Sadkar Enviro Engineers Private Limited

Plot No. 2146, Road No. 16, Gurgaon Sector 14 (D-2), High Industrial Area, Zone - 40000, Haryana State, India
 © - 21-02-2000-2001 / 2002-2003 / 2004-2005 / 2006-2007 + E-mail - info@sadkarenviro.com / seel@sadkarenviro.com
 Lab. Accredited by NABL, Lab No. 10104-2017



TC-12017

ANALYSIS TEST REPORT

Report No	SEEL1240002389	Report Date	18/06/2024	
Name of Client	M/s. Neurgaon Chemtech India Pvt Ltd.			
Address of Client	Plot No. E-18/19/20, E3 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.			
Order / Reference	PO No. 4200295018, dated-20/01/2024			
Date Of Sampling	10/06/2024	Sample Receipt Date	11/06/2024	
Analysis Started on	11/06/2024	Analysis Completed On	14/06/2024	
URL No	TC-1220734000180M			
Sample Collected By	SEEL Representative			
Sampling Plan	SEEL/AD/F-03	Sampling SOP No.	SEEL/10/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	53

AMBIENT AIR STATION

Location of I.V.S.	Near O&E TP		
Lateral Distance	5.0 Meter from O&E TP		
Receptor Distance	1.5 Meters from Ground level		
Ambient Temperature (°C)	27	Humidity (%)	67
Wind Speed (km/hr)	8	Wind Direction (deg°)	SW715
Instruments Used	R.O.S (APM - 460), F.P.S (APM - 550), G.P.S (APM - 411) & Borenic Sampler (BT-177)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM ₁₀	18.38	µg/m ³	100.00	IS 5182 (Part 23) 2006 RA: 2012
PM _{2.5}	17.61	µg/m ³	60.00	EPA Quality assurance guidance document 3.12, based on CPCB- 2011
Sulphur dioxide (SO ₂)	14.29	µg/m ³	80.00	IS 5182(Part 2/ Sec 1): 2023
Nitrogen dioxide (NO ₂)	16.06	µg/m ³	80.00	IS 5182 (Part 6): 2006 RA: 2012
Ammonia (NH ₃)	<20.00	µg/m ³	400.00	CPCB Guidelines For Measurement Of Ambient Air Pollutants Volume-1, 2011
Carbon monoxide (CO)	0.79	mg/m ³	04.00	IS 5182 (Part 10) : 2006 RA 2012
Lead as Pb	<0.30	µg/m ³	03.00	EPA compendium method IO 3.5: 2012
Benzene (C ₆ H ₆)	<4.00	µg/m ³	5.00	IS 5182 (Part 11) : 2006 RA 2012
Arsenic (As)	<5.00	ng/m ³	6.00	EPA compendium method IO 3.3: 2012
Nickel (Ni)	<5.00	ng/m ³	20.00	EPA compendium method IO 3.3: 2012
Ozone (O ₃)	12.97	µg/m ³	180.00	IS 5182 (Part 9): 1974 RA: 2019
Benz(a)Pyrene (BaP)	<0.30	ng/m ³	1.00	IS 5182 (Part 12): 2004 RA: 2018

- NOTE:** 1) The above results relate only to the item tested & the condition prevailing at the time of sampling.
 2) PM₁₀-Particulate Matter of size < 10 µm, PM_{2.5}- Particulate Matter of size < 2.5 µm
 3) NAAQS-National Ambient Air Quality Standards
 4) Lower Detection Limit (NH₃<10 µg/m³), (Pb)<0.10 µg/m³, (C₆H₆)<4 µg/m³, (As)<5 ng/m³, (Ni)<5 ng/m³, (Benz(a)Pyrene)<0.1 ng/m³
 5) This certificate may not be reproduced without the permission of this Laboratory.

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

S. Prakash
 Audited Signatory
 Trupti Muzkar

Formal No. SEEL/AD/F-03

Page 1 of 1
checked by
AS



ANALYSIS TEST REPORT

Report No	SEETL240002190	Report Date	18/06/2024	
Name of Client	M/s. Nouryon Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-18/19/20, 51 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.			
Order / Reference	PO No. 4200290019, Dated-20/01/2024			
Date Of Sampling	11/06/2024	Sample Receipt Date	11/06/2024	
Analysis Started on	11/06/2024	Analysis Completed On	14/06/2024	
URL No	TC-1220724000018 LD			
Sample Collected by	SEETL Representative			
Sampling Plan	SEETL/LD/F-01	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Job	Temperature(°C)	25.1	Humidity (%)	52

DETAILS OF STACK

Attached To	SM - DG Set 500 KVA
Shape	Round
Diameter (Mtr)	0.3
Height From Ground Level (Mtr)	10 Mtr
Temperature (°C)	178.00
Velocity of Flue Gases (m/sec)	8.41
Volume of Flue Gases (Nm ³ /hour)	2139.26
Type of Fuel	HSD

POLLUTIONAL PARAMETERS

Parameters	Result	Units	SFPCB Limit	Method
Total Particulate Matter	25.19	mg/Nm ³	150.00	IS 11255 (Part 1)-1985 RA. 2019
Sulphur dioxide (SO ₂)	7.36	Kg/Dry	58.56	IS 11255 (Part 2)-1985 RA. 2019
Oxides of Nitrogen (NO _x)	16.73	mg/Nm ³	-	IS 11255 (Part 7)-2005 RA. 2022

- NOTE: 1) The above results relate only to the condition prevailing at the time of Sampling.
 2) The above results relate only to the item tested.
 3) This certificate may not be reproduced without the permission of this Laboratory.

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


 Anurag Mishra
 Authorized Signatory
 Trupti Mawankar

Checked by
 Suresh



Sadekar Enviro Engineers Private Limited

Plot No. 8/26, Road No. 16, Ganga Nagar Road, MIDC, Vashi Industrial Area, Thane - 401 014, Maharashtra, India. Phone : 022-2552 0001 / 2552 0002 / 2552 0003 / 2552 0004 • E-mail : info@sadekarenviro.com / sadekar@seee.com
Lab. Accredited by **ISO/IEC 17025**, Validity up to 30-09-2025



TC-02287

ANALYSIS TEST REPORT

Report No	SEETL2400002391	Report Date	18/08/2024	
Name of Client	M/s. Nearyon Chemicals India Pvt Ltd.			
Address of Client	Flat No. E-18/19/20, 61 (Part), MIDC Mahad, Dist-Sangli, 402303, Maharashtra.			
Order / Reference	PO No. 4260295819, Dated-20/01/2024			
Date Of Sampling	10/06/2024	Sample Receipt Date	11/06/2024	
Analysis Started on	11/06/2024	Analysis Completed On	14/06/2024	
UR No	TC-112073400001811F			
Sample Collected By	SEETL Representative			
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%)	52

DETAILS OF STACK

Attached To	SI - Boiler
Shape	Round
Diameter (Mtr)	0.55
Height from Ground Level (Mtr)	30 Mtr
Temperature (°C)	160.00
Velocity of Flue Gases (m/sec)	5.74
Volume of Flue Gases (Nm ³ /hour)	10188.59
Type of Fuel	LDO

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NPCB Limit	Method
Total Particulate Matter	47.80	mg/Nm ³	150.00	IS 11733 (Part 1):1985 HA, 2019
Sulphur dioxide (SO ₂)	11.90	kg/Dry	30.70	IS 13255 (Part 2):1985 HA, 2019
Oxides of Nitrogen (NO _x)	14.93	mg/Nm ³	-	IS 11733 (Part 2):2005 HA, 2022

NOTE: 1) The above results relate only to the condition prevailing at the time of Sampling.
2) The above results relate only to the item tested.
3) This certificate may not be reproduced without the permission of this Laboratory.

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

ganga
Authorized Signatory
Trupti Mayekar

Checked by
MS

ANALYSIS TEST REPORT

Report No	SEETL240002892	Report Date	18/06/2024
Name of Client	M/L. Nouryan Chemicals India Pvt Ltd.		
Address of Client	Plot No. E-18/19/20, G1 (Part), MIDC Mahad, Dist-Rajgad, 402302, Maharashtra.		
Order / Reference	PO No. 4200295019, Dated-30/01/2024		
Date Of Sampling	10/06/2024	Sample Receipt Date	11/06/2024
Analysis Started on	11/06/2024	Analysis Completed On	14/06/2024
ULN No	TC-122072400001812F		
Sample Collected by	SEETL Representative		
Sampling Plan	SEETL/A/D/F-03	Sampling SOP No.	SEETL/A/D/SOP/PA-32
Environmental Condition of Lab		Temperature(°C)	25.1
		Humidity (%)	52

DETAILS OF STACK

Attached To	S1- Diesel Engine -1 (Sprinkler)	S2- Diesel Engine -1 (Hydrant)
Shape	Round	Round
Diameter (Mtr)	0.1 Mtr	0.0762 Mtr
Height From Ground Level (Mtr)	6.5	6.0
Temperature (°C)	178.00	177.00
Velocity of Flue Gases (m/sec)	8.70	8.75
Volume of Flue Gases (Nm ³ /hour)	248.03	243.58
Type of Fuel	HSD	HSD

POLLUTIONAL PARAMETERS

Parameters	Result		Units	Method
	Diesel Engine-1 (Sprinkler)	Diesel Engine -2 (Hydrant)		
Total Particulate Matter	35.41	31.57	mg/Nm ³	IS 11255 (Part 1):1985 NA, 2019
MPCB Limit for TSP	150.00	150.00		
Sulphur dioxide (SO ₂)	3.74	1.84	kg/day	IS 11255 (Part 2):1985 NA, 2019
MPCB Limit for SO ₂	10.56	8.64		
Oxides of Nitrogen (NO _x)	12.26	11.34	mg/Nm ³	IS 11255 (Part 7):2005 NA, 2022

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
 2) The above results relate only to the item tested.
 3) This certificate may not be reproduced without the permission of this Laboratory.

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



[Signature]
 Authorized Signatory
 Tripti Meher

Checked by
[Signature]



Sadekar Enviro Engineers Private Limited

Office A-05, Road No. 05, Near Nagar Road, MIDC, Vashi Industrial Area, Thane - 401 044, Maharashtra, India.
 ☎ : 022-25422222 / 25422223 / 25422224 / 25422225 • E-mail : reg@seelab.com / info@seelab.com
 Lab Registration No. Environmental (Pollution) Act, 1986 by MOEF & CPCB, No. 02/02/2019

FORM 100/2017
 12/06/2018

ANALYSIS TEST REPORT

Report No.	SEETL240002199	Report Date	18/06/2018	
Name of Client	M/s. Nouryan Chemicals India Pvt Ltd.			
Address of Client	Plot No. E-18/15/20, SE (PART) MIDC Mahad, Dist-Rajgad, 401102, Maharashtra.			
Order / Reference	PO No. 4200295018, Dated-26/01/2018			
Date Of Sampling	10/06/2018	Sample Receipt Date	11/06/2018	
Analysis Started on	11/06/2018	Analysis Completed On	14/06/2018	
Sample Collected By	SEETL Representative			
Sampling Plan	SEETL/D/V-F-01	Sampling SOP No.	SEETL/D/302/AA-32	
Environmental Condition of Lab	Temperature(°C)	25.3	Humidity (%)	52

DETAILS OF STACK

Attached To	Scrubber (Production Plant)	Scrubber (New ETP)
Shape	Round	Round
Diameter (Mtr)	0.5	0.12
Height from Ground Level (Mtr)	18	18
Temperature (°C)	48.00	45.00
Velocity of Flue Gases (m/sec)	3.75	4.37
Volume of Flue Gases (Nm ³ /hour)	2851.73	178.12

POLLUTIONAL PARAMETERS

Parameters	Results		Units	MPCB Limit	Method
	Scrubber (Production Plant)	Scrubber (New ETP)			
Acid Mist	24.00	20.00	mg/m ³	25.00	Lab SOP No. SEETL/D/302/AA-31

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
 2) The above results relate only to the item tested.
 3) This certificate may not be reproduced without the permission of this Laboratory.

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


 Anil N. Kulkarni
 Authorized Signatory
 Mohd Nurb

Checked by


ANALYSIS TEST REPORT

Report No	SEETL240002193	Report Date	18/04/2024
Name of Client	M/s. Hoaryon Chemicals India Pvt Ltd.		
Address of Client	Plot No. E-18/15/20, 61 (Part), MIDC Mahad, Dist-Raigad, 402302, Maharashtra.		
Order / Reference	PO No. 4200288018, Dated-25/03/2024		
Date Of Sampling	10/04/2024	Sample Receipt Date	11/06/2024
Analysis Started on	11/04/2024	Analysis Completed On	14/06/2024
ULR No	TC-1220724000018137		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/D/F-03	Sampling SOP No.	SEETL/D/SOP/AA-11
Environmental Condition of Lab	Temperature(°C)	25.1	Humidity (%) 52

DETAILS OF STACK

Attached To	Scrubber (Production Plant)	Scrubber (New ETP)
Shape	Round	Round
Diameter (Mtr)	0.5	0.12
Height From Ground Level (MDr)	16	16
Temperature (°C)	48.00	45.00
Velocity of Flue Gases (m/sec)	3.75	4.31
Volume of Flue Gases (M ³ /hour)	2651.71	178.12

POLLUTIONAL PARAMETERS

Parameters	Results		Units	MPCB Limit	Method
	Scrubber (Production Plant)	Scrubber (New ETP)			
Ammونيا (NH ₃)	ND	ND	ppm	15	IS 11725 (Part 6) : 1999/IA-2019
Sulphur Dioxide (SO ₂)	ND	ND	ppm	50	IS 11725 (Part 1) : 1985 : 2019

- NOTE:** 1) The above results relate only to the condition prevailing at the time of Sampling.
 2) The above results relate only to the item tested.
 3) ND - Not Detected
 4) This certificate may not be reproduced without the permission of this Laboratory.



[Signature]
 Accredited Laboratory
 Trustee Director

Checked by
[Signature]



Sadekar Enviro Engineers Private Limited

Plot No. 429, Road No. 15, Near Nagar Road, MIDC, Pimpri-Chinchwad, Pune - 411004, Maharashtra, India. India
E : 020-25-288-2881, 2882-2882 / 2883-2883 / 2884-2884 • F : 020-25-288-2885 • E-mail : info@sadekarenviro.com / pravin@sadekarenviro.com

ISO 9001:2015

ISO 14001

Lab. Registered under Environmental Protection Act, 1986 by MEF & CPCB, No. 2003/2019

ANALYSIS REPORT

Report No	SEETL240202286	Report Date	18/04/2024
Name Of Client	M/s. Nearyon Chemicals India Pvt Ltd.		
Address of Client	Plot No. 7-18/15/70, G1 (Part), MIDC Mahul, Dist-Rajgad, 402302, Maharashtra		
Order / Reference	PO No. 4200235019, Dated-20/01/2024		
Date Of Sampling	10/04/2024		
Sample Collected By	SEETL Representative		

ILLUMINATION LEVEL MONITORING

Sr. No.	Sampling Location	Illumination Levels in Lux (Night Time)	As Per Maharashtra Factories Rules, 1963 Minimum Limit in Lux
1.	Changing Room Area	220	100
2.	R.S. W Area	190	100
3.	Day Tank Area	230	100
4.	Production Building	305	100
5.	BCP Area	285	100
6.	Utility Area	210	100
7.	Old ETP	250	100
8.	New ETP	220	100

- NOTE: 1) The above results relate only to the condition prevailing at the time of Sampling.
 2) The above results relate only to the item tested.
 3) SCHEDULE 'W' & SCHEDULE 'B' for as Per Factory Act Minimum Limit in Lux.
 4) This certificate may not be reproduced without the permission of this Laboratory.

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



Authorized Signatory
Nishu Kulkarni

*Checked by
Sas*



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000071834

Submitted Date

25-09-2024

PART A

Company Information

Company Name

Nouryon Chemicals India Private Limited

Application UAN number

NA

Address

Nouryon Chemicals India Private Limited Plot
E- 18,19,20 & C-61(Part/Part) Mahad, Dist.-
Raigad, Maharashtra, INDIA

Plot no

E- 18,19,20 & C-61(Part/Part)

Taluka

Mahad

Village

Khaire

Capital Investment (In lakhs)

7554

Scale

Large

City

Mahad

Pincode

402302

Person Name

Sanjay G. Salunke

Designation

Manager HSE&S

Telephone Number

8484839906

Fax Number

9049173399

Email

sanjay.salunke@nouryon.com

Region

SRO-Mahad

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CC/UAN No.
0000105321/CR2104000614

Consent Issue Date

09.04.2021

Consent Valid Upto

28.02.2026

Establishment Year

1991

Date of last environment statement submitted

Sep 26 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Organic Peroxide(Pure)

Consent Quantity

3419.52

Actual Quantity

1470

UOM

MT/A

Refilling/Blending of Metal Alkyls(Pure)

1701.96

520

MT/A

Sodium Chloride Salt

1296

289

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	470	181.00
Domestic	60	22.00
All others	10	4.00
Total	100	38.00
	640	245.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Effluent discharged	504	222	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Organic Peroxide	52.71	44.87	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Acid chloride	0.80	0.79	
TBHP	0.71	0.66	
Chloroformates	0.69	0.69	
Hydrogen peroxide	0.31	0.30	
TMBH	0.63	0.63	
NaOH	0.87	0.85	
KOH	0.19	0.56	

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	122	65	Ltr/Hr
LDO	40	28	Ltr/Hr

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
pH	0	7.89	NA	5.5 to 8.5	NA
Total Suspended solids	0	12	NA	100	NA
BOD 3 days 27 Deg C	0	21.8	NA	100	NA

COD	0	143	NA	250	NA
Oil & grease	0	5	NA	10	NA
Total ammocial nitrogen	0	0.5	NA	50	NA
Total dissolved solids	0	1932	NA	2100	NA
Sulphates	0	271	NA	1000	NA
Sodium	0	0.007	NA	60	NA
Phenolic compound	0	0.001	NA	5	NA
Chromium (Hexavalent)	0	0.05	NA	0.1	NA
Sulphide (as S)	0	0.02	NA	2	NA
Phosphate (as P)	0	0.22	NA	5	NA
Bio assay test	0	90	NA	90 % Survival of fish after 96 hrs in 100% of effluent	NA
Chlorides	0	522	NA	600	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
TPM	0	46	NA	150	NA
SO2	0	15.1	NA	50	NA
Acid Mist	0	20.8	NA	35	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.2 Spent solvents	2.34	1.68	MT/A
35.3 Chemical sludge from waste water treatment	12.26	10.79	MT/A
5.1 Used or spent oil	3.7	4.8	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Solid waste	192	140.2	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
35.3 Chemical sludge from waste water treatment	10.79	MT/A	NA
5.1 Used or spent oil	4.8	MT/A	NA
20.2 Spent solvents	1.68	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Decontaminated metal drums,Plastic wrappers,scrap	140.2	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Solar Power generation	0	0	0	807002	0	0
Rain water harvesting	0.75	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Installed Retrofitting of Emission control device (RECD)	Emission control	14.16
Replacement of Display Board for OCEMS	OCEMS Display	3
Waste water pit agitator replacement	To Improve operation reliability	6

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Replacement of Air blower for secondary treatment	To Improve operation reliability	7
Replacement of MEE equipments	To Improve operation reliability and efficiency	29

Part-I

Any other particulars for improving the quality of the environment.

Particulars

1. Tree plantation for green belt area. 2. Installed Retrofitting Emission Control device (RECD) to DG set

Name & Designation

Sanjay G.Salunke, Manager HSE&S

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000071834

Submitted On:

25-09-2024



Sustainability

Mumbai Waste Management Ltd.

Certificate

of Membership

M/s. NOURYON CHEMICALS INDIA PVT LTD.

is a registered member of
CHW-TSDF at MIDC -Taloja for
safe and secure disposal of
Hazardous waste with

Membership No: MWML - HZW - MHD - 4491

This Certificate is valid up to: 31ST MARCH 2025.

Onkar Kulkarni
Manager -MBD

Somnath Malgar
Director