



सत्यमेव जयते

File No: SIA/MH/IND3/538013/2025
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), MAHARASHTRA)



Date 22/12/2025



To,

Mr Sanjay Gangaram Salunke
NOURYON CHEMICALS INDIA PRIVATE LIMITED
Plot No.E-18,19,20 & C 61(Part/Part) MIDC Area, Mahad-Raigad, Maharashtra, PIN: 402302, Mahad,
RAIGAD, MAHARASHTRA, 402302
sanjay.salunke@nouryon.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/MH/IND3/538013/2025 dated 17/06/2025 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B2412MH5544540N
(ii) File No.	SIA/MH/IND3/538013/2025
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	5(f) Synthetic organic chemicals industry Expansion Project for Manufacturing of Speciality Chemicals at Plot No. E-18,19,20 & C 61(Part/Part) MIDC Area, Mahad-Raigad, Maharashtra, PIN: 402302 , by M/s. Nouryon Chemicals India Pvt. Ltd.
(vii) Name of Project	NOURYON CHEMICALS INDIA PRIVATE LIMITED
(viii) Name of Company/Organization	RAIGAD, MAHARASHTRA
(ix) Location of Project (District, State)	SEIAA
(x) Issuing Authority	No
(xi) Applicability of General Conditions as per EIA Notification, 2006	

Plot/Survey Khasra Nos.: E-18 , 19 , 20 & C 61(Part/Part)

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on . The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on , based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Mr Sanjay Gangaram Salunke under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. General Instructions:
 - (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
 - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during perational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - (f) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - (g) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
12. This issues with the approval of the Competent Authority

Annexure 1

1. Specific Conditions

S. No	EC Conditions
1.1	<p><u>General Condition:</u></p> <ol style="list-style-type: none"> 1. PP to ensure to utilize CER fund before the commissioning of the manufacturing activity in consultation with the District Collector. 2. The PP shall manufacture no banned chemicals. No banned raw material shall be used in the proposed project. PP shall adhere to the notifications/guidelines of the Government in this regard. 3. PP shall comply with all environmental protection measures and safeguards proposed in the documents submitted. All recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo -location date & time) and other documents as applicable to the Regional Office of MoEF&CC every year for the activities carried out during previous year. 4. The PP shall comply with the environment norms for 'synthetic organic chemicals' as notified by the MoEFCC vide GSR 608 (E), dated 21st July, 2010 under the provisions of the Environment (Protection) Rules, 1986. 5. The occupational health Centre for surveillance of the workers' health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & Employees shall be provided with the required safety kits/ PPEs for personal protection. 6. The training shall be imparted to all employees on safety and health aspects for handling chemicals. Only trained employees be deployed on the hazardous operations/handlings etc. Action plan for mitigation measures shall be properly implemented based on safety and risk assessment studies. 7. The solvent management shall be carried out as follows, <ol style="list-style-type: none"> (i) Reactors shall be connected to chilled brine condenser system. (ii) Reactor and Solvent handling pump shall have mechanical seals to prevent leakages. (iii) Solvents shall be stored in a separate place specified with all safety measures. (iv) Proper earthing shall be provided in all electrical and operation equipment's wherever flammable chemicals are handled. (v) The solvent storage tanks shall be provided with the breather valve to prevent losses. (vi) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation. 8. The PP shall undertake waste minimization measures as below: <ol style="list-style-type: none"> (i) Metering and Control of quantities of active ingredients to minimize waste. (ii) Reuse of by-products from the process as raw material or as raw material substitute in their processes. (iii) Use of automated filling to minimize spillages. (iv) Use of close feed system into batch reactors. (v) Venting equipment through vapour recovery system. (vi) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation. 9. PP to complete rain water harvesting facility before the commissioning of the manufacturing of the activity. 10. PP to use new and renewable energy for illumination of office buildings, streetlights, parking's area and maintain the same regularly

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Expansion Project for Manufacturing of Speciality Chemicals at Plot No. E-18,19,20 & C 61(Part/Part) MIDC Area, Mahad-Raigad, Maharashtra, PIN: 402302 , by M/s. Nouryon Chemicals India Pvt. Ltd.	
b.	Latitude and Longitude of the project site	18.1101038321354,73.48875746155358 18.11229267326302,73.49444538792116	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	8.6478
		Forest Land (B)	0
		Total Land (A+B)	8.6478
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	32083	
g.	EMP Cost (in lacs)	7522.83	
h.	Employment Details		

Details of Products & By-products

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
Sodium chloride salt (Pure)	Product	108	162.5	270.5	TPM	Road
Organic Peroxides (Pure)	Product	284.96	285	569.96	TPM	Road
Refilling/ blending of Metal Alkyls (Pure)	Product	141.83	84	225.83	TPM	Road
Organic salt (Pure)	Product	0	280	280	TPM	Road
Repacking	Product	0	50	50	TPM	Road
Potassium chloride salt (Pure)	Product	0	81.3	81.3	TPM	Road

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND3/538013/2025
Environment & Climate Change
Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

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

Subject : Environmental Clearance for Expansion Project for Manufacturing of
Speciality Chemicals at Plot No. E-18,19,20 & C 61(Part/Part) MIDC
Area, Mahad-Raigad, Maharashtra, PIN: 402302 by M/s.Nouryon
Chemicals India Pvt. Ltd.

Reference : Application no. SIA/MH/IND3/538013/2025

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 323rd meeting under screening category 5(f) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 310th (Day-5) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 31st October,2025.

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

1	Location/ Town Plot no. E-18, 19, 20 & C-61(Part/Part), MIDC Mahad, Taluka - Mahad, District - Raigad, Maharashtra - 402302	Taluka: Mahad, District – Raigad
2	Plot Area (Sq): 86,478 Sq. m.	Category: B1
3	ToR Details: Standard Terms of Reference granted to NCIPL vide TOR letter 'Proposal No. SIA/MH/IND3/490398/2024' by SEAC-1, Maharashtra dated 26/12/2024.	Previous EC Details: Nouryon Chemicals India Pvt. Ltd has existing Environmental Clearance vide No. SEIAA-EC-0000000263 dated 26 th April, 2018 in the name of M/s. Akzo Nobel India Ltd. Transfer of EC from M/s Akzo Nobel India Limited to Nouryon Chemicals India Private Limited was obtained from SEIAA (Maharashtra) vide letter No. SIA/MH/IND3/304217/2023 dated 22.11.2023.
4	Violation Case: No	CRZ NOC Requires: No
5	Layout Plan Approval Authority: Maharashtra Industrial Development Corporation (MIDC)	Approval Plan Details: NA
6	Approved Construction Area (Sq. m.)	Nos of Buildings: NA

	NA			
7	Structural Stability Report (Yes/No) Yes. dated 29/05/2024.	No. of Floors: Ground + First + Second Floor.		
8	Existing Green Belt Area (Sq. m.) with % of total plot area: 28667.30 sq. m. (33.14 % of the total plot area)	No. of existing trees: 2176 nos. of trees		
9	Proposed Green Belt area (Sq. m.) 28667.30 sq. m. (33.14 % of the total plot area)	Nos. of Proposed Trees: 6438 nos. of trees		
10	Previous EC Compliance report details: EC Compliance received from Regional Office-MoEF&CC, Nagpur, dated 02/09/2025. The copy of letter is attached as Annexure 25.	Certified Compliance Inspection Date: 2008/2025		
11	General/ Specific Conditions are applicable: No			
12	Facility Area: NA	Parking Area (Sq.m.): 9247 Sq.m.		
13	Storage Area (Sq):	Raw Material	Hazardous Waste	Finished Products
		2677 Sq.m.	320 Sq. m.	1718 Sq. m.

Product Details

Sr. No.	Name of Raw Material	Exis ting TP A	Prop osed TPA	To tal TP A	Maxi mum storag e quanti ty at any given point of time (MT/K L/m3)	Storage	Source of Supply	Mea ns of Tran sport	Hazard Categor y		
									N h	N f	N r
1.	Hydroper oxides	117 0.4	750. 6	19 21	138.5	Bulk/Dru m/jerryca n	Importe d	Sea	3	2	2
2.	Acid chlorides	187 5	1472	33 47	202	Drums	Importe d / Local	Sea / Road	-	-	-
3.	Chlorofo rmates (2- Ethylhex yl chlorofo r mate)	438	1664	21 02	84	Bulk/ Drums	Importe d/ Local	Sea / Road	4	2	0
4.	Anhydrid es	0	4074	40 74	78	Bulk Iso	Importe d	Sea	-	-	-

5.	Solvents (Methanol)	154.03	2145.8	3686.1	22.17	Bulk/ Drums / Tanks	Imported/ Local	Sea/ Road	1	3	0
6.	Salt	755.4	169.5	924.9	63	Bags / Big-Bag	Local	Road	0	0	2
7.	Sequestering agent	8.1	33.9	42	1.23	Jerrycan/Drum	Imported	Sea	-	-	-
8.	Surfactant agents	14.4	75.6	90	6.2	Drums	Imported	Sea	-	-	-
9.	Polyvinyl alcohol	91	207	298	20	IBC	Imported	Sea	0	2	0
10	Hydrogen peroxide	386.5	599.5	986	34.80	Bulk Iso (Existing)	Local	Road	2	0	3
11	Hydroxides (Sodium hydroxide (50%) solution, Potassium hydroxide-45%)	2401.8	2899.2	5301	130	Bulk	Local	Road	3	0	1
12	Acids (HCl-31%)	619.3	240	859.3	27.76	Jerrycan/ Drums	Local	Road	3	0	0
13	Methyl ethyl ketone	69.2	0.0	69.2	4.7	Drums	Local	Road	1	3	0

Sr. No.	Name of Product	Existing Quantity	Proposed Quantity	Total Quantity	UOM
EC products					
1.	Organic Peroxides (Pure)	284.96	285	569.96	TPM
2.	Sodium chloride salt (Pure)	108	162.5	270.5	TPM
3.	Potassium chloride salt (Pure)	0	81.3	81.3	TPM
4.	Organic salt (Pure)	0	280	280	TPM
Non-EC products					
1.	Refilling/ Blending of Metal Alkyls (Pure)	141.83	84	225.83	TPM
2.	Repacking	0	50	50	TPM
Total		534.79	942.8	1477.59	TPM

Table No.1

Water Quantity

Water Requirement	Existing	Proposed	Total	
	640 CMD	341.50 CMD	981.50 CMD	
Source and Permission	MIDC Mahad			
Water Consumption	Fresh Water Requirement: 981.50 CMD			
Effluent Generation	Existing	Proposed	Total	
	Trade Effluent	496 CMD	252 CMD	748 CMD
	Domestic Sewage	8 CMD	2 CMD	10 CMD
Rain Water Harvesting Details	20 KL Rain Water Harvesting storage tank.			

Table No.2

Water Requirement – Dry Season									
Activities	Consumption (CMD)			Losses (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10.0	2.50	12.50	2.00	0.50	2.50	8.00	2.00	10.00
Industrial Process	450.0	118.0	568.0	10.0	10.00	20.0	440.0	108.00	548.0
Process scrubber	10.0	5.0	15.0	0.15	0.05	0.2	9.85	4.95	14.8
Reactor washing	10.0	25.0	35.0	0.15	0.25	0.4	9.85	24.75	34.6
Cooling Tower	40.0	112.0	152.0	23.00	76.00	99.0	17.00	36.0	53.0
Boiler	20.0	79.0	99.0	1.00	0.4	1.4	19.00	78.6	97.6
Green belt maintenance	100.0	0.00	100.0	100.0	0.00	100.0	0.00	0.00	0.00
Total	640.0	341.5	981.5	136.0	87.50	223.5	504.0	254.0	758.0

Table No.3

Sewage	
Sewage Generation	10 CMD
Sewage Treatment and Disposal	10 CMD of domestic sewage will be fed to the Secondary treatment (Sequential batch reactors) and Tertiary Treatment (Pressure sand filter & Activated carbon filter).

Table No.4

Effluent Generation		
1.	Quantity	748 CMD
2.	HTDS/ HCOD Quantity	86 CMD

3.	LTDS/ LCOD Quantity	672 CMD																				
4.	Effluent Treatment Scheme (Brief Information):	<ul style="list-style-type: none"> Existing Full-fledged effluent treatment plant of 700 CMD capacity is provided to treat the effluent and after expansion it will be upgraded to capacity of 800 CMD. Segregation of the effluent in two streams, HTDS/HCOD stream from process and LTDS/LCOD stream from process, utility Blow down along with domestic sewage. HTDS/HCOD stream of 86 CMD (16% TDS & 5% COD) will be treated in the Primary Treatment (Collection tank, Neutralization tank, equalization tank, primary settling tank), stripper followed by MEE & ATFD. MEE condensate will be sent to full-fledged ETP for the further treatment. Salt recovered from ATFD will be sale to authorized party/ CHWTSDF. LTDS/LCOD stream of 672 CMD (<0.21 % TDS & 0.3% COD) from process, washing activity, scrubber, Cooling Tower & Boiler blow down, hence the total effluent will be treated in the primary treatment (Collection tank, Neutralization tank, equalization tank, primary settling tank). Treated effluent from primary treatment, MEE condensate along with 10 CMD of domestic sewage will be fed to the Secondary treatment (Sequential batch reactors) and Tertiary Treatment (Pressure sand filter & Activated carbon filter). Treated effluent from tertiary treatment will be sent to the CETP for further treatment and disposal. Industry shall restrict the discharge of 758 CMD to the CETP. Sludge generated from the primary & secondary treatment will be sent to CHWTSDF. 																				
5.	ZLD Effluent Treatment (Brief Information):	<ul style="list-style-type: none"> No, the project will not be operated on the basis on Zero Liquid Discharge (ZLD). Effluent from ETP will be sent to CETP for further treatment. 																				
6.	CETP (Name & Membership Details)	<ul style="list-style-type: none"> MMA CETP membership is available. 																				
7.	Parameters of Treated effluent: (PH/TSS/TDS/COD/ BOD/ Heavy Metals/ Benzene/ etc.)	<table border="1"> <thead> <tr> <th>Parameters</th> <th>Inlet HTDS/HC OD</th> <th>Inlet LTDS/LC OD</th> <th>Outlet</th> <th>MPCB Standard's</th> </tr> </thead> <tbody> <tr> <td>COD, mg/lit</td> <td>50000</td> <td>3000</td> <td>< 250</td> <td>< 250</td> </tr> <tr> <td>BOD (27°C 3 day) mg/lit</td> <td>30000</td> <td>1500</td> <td>< 30</td> <td>< 30</td> </tr> <tr> <td>TDS, mg/lit</td> <td>160000</td> <td>2100</td> <td>< 2100</td> <td>< 2100</td> </tr> </tbody> </table>	Parameters	Inlet HTDS/HC OD	Inlet LTDS/LC OD	Outlet	MPCB Standard's	COD, mg/lit	50000	3000	< 250	< 250	BOD (27°C 3 day) mg/lit	30000	1500	< 30	< 30	TDS, mg/lit	160000	2100	< 2100	< 2100
Parameters	Inlet HTDS/HC OD	Inlet LTDS/LC OD	Outlet	MPCB Standard's																		
COD, mg/lit	50000	3000	< 250	< 250																		
BOD (27°C 3 day) mg/lit	30000	1500	< 30	< 30																		
TDS, mg/lit	160000	2100	< 2100	< 2100																		

Table No.5

Solid Waste Management			
Type	Quantity, TPA	Source	Disposal

Sr. No.		Existing	Proposed	Total		
Non-Hazardous Waste						
1.	Plastic waste/ Plastic wrappers/ scrap (TPA)	144	100	244	Storage Area	Sale to Authorized party
2.	Broken Glass (TPA)	0	1	1	From Industrial Activity	Sale to Authorized party / recycler
3.	Broken Wooden Pallets (TPA)	0	50	50	From Industrial Activity	Sale to Authorized party
4.	Waste Cartoons/ Paper (TPA)	0	10	10	Admin Building	Sale to Authorized party
5.	Canteen waste (TPA)	0	0.33	0.33	Admin Building	Use as manure
E-Waste						
1.	E-waste (TPA)	0	5	5	Electrical and electronic equipment	Sale to MPCB authorised recycler/ returned to manufacturer/ supplier
<i>Reference: E- Waste (Management) Rules, 2022 and its amendments.</i>						
Battery Waste						
1.	Battery Waste (Nos./A)	0	176	176	Electrical and electronic equipment	Sale to MPCB Authorized recycler / Returned to supplier
<i>Reference: Battery Waste Management Rules, 2022.</i>						
Bio – Medical Waste						
1.	Bio-medical Waste (TPA) (Category: Yellow)	0	0.15	0.15	--	To CBMWTSDF/ SPCB authorized Vendor.
<i>Reference: Bio-medical Waste Management Rules, 2016 and its amendments.</i>						

Table No.6

Hazardous Waste Generation & Disposal						
Sr. No.	Category	Source	Existing (TPA)	Proposed (TPA)	Total Quantity (TPA)	Disposal
1.	12.2	Alkali residue	20	0	20	CHWTSDF
2.	34.1	Chemicals containing Residue from Decontamination	5.0	3.5	8.5	CHWTSDF

3.	5.1	Used/ spend oil	4.8	10	14.8	Sale to authorized party / CHWTSDF
4.	20.2	Spent solvent	24	2	26	Sent to authorized recyclers / pre-processors / CHWTSDF
5.	33.1	Discarded containers/ Barrels / liners/ plastic Bags/ PPE	4.8	6.3	11.1	Authorized party/ recycler/ CHWTSDF
6.	35.3	Chemical sludge from Wastewater treatment	14	220	234	CHWTSDF
7.	37.3	Evaporation salt	144	500	644	CHWTSDF
8.	28.4	Off specification product	0	50	50	Pre-processing / Co-processing / CHWTSDF
9.	5.2	Waste/Residue Containing Oil	0	100	100	Authorized party/recycler / CHWTSDF
10.	35.3	Spent carbon from waste water treatment	0	50	50	pre-processing/ co-processing/ CHWTSDF
11.	35.4	Oil & grease skimming	0	500	500	Sale to authorized Party/ pre-processing/ co-processing/ CHWTSDF

Reference: Schedule I of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

Table No.7

Fuel Consumption		
1.	Type	LDO (for Boilers), HSD (for D.G. Sets)
2.	Quantity (TPD)	LDO: 4866 kg/day, HSD: 3562 L/hr.
3.	For (Boiler/ D.G. Set)	LDO: For Boiler (Capacity: 1.1 TPH): 834 kg/day. For Boiler (Capacity: 3 TPH): 4032 kg/day. HSD: For D.G. Set (500 KVA x 1No.): 122 L/hr.

		For D.G. Set (2000 KVA x 2 Nos.): 1720 L/hr. *2 = 3440 L/hr. <i>(Note: D. G. Set will only be used in case of power failure.)</i>		
4.	Ash (Generation %)	None		
5.	SO ₂ %:	LDO: 1.8 % HSD: 0.25%		
6.	Air Pollution Control Measures	Utilities	Total After Expansion	Pollution Control System
		Boiler	1 No. × 1.1 TPH	A stack of 30-meter height is provided
		Boiler	1 No. × 3 TPH	Stack of 30-meter height will be provided
		D. G. Set	1 No. × 500 kVA	Stack of 3.5-meter height above roof-top is provided
		D. G. Set	2 No. × 2000 kVA	Common stack of 30-meter height will be provided
		Scrubber	1 No. × alkali scrubber of capacity 1500 CFM	1 nos. stack of 10-meter height from the ground is provided
			1 No. × alkali scrubber of capacity 4000 CFM	1 nos. stack of 10-meter height from the ground is provided
			1 No. × alkali scrubber of capacity 5800 CFM	1 nos. stack of 10-meter height from the ground will be provided
	1 No. × alkali scrubber of capacity 2000 CFM	1 nos. stack of 10-meter height from the ground will be provided		
	1 No. × alkali scrubber of capacity 3750 CFM	1 nos. stack of 10-meter height from the ground will be provided		

Table No.8

Energy			
1.	Source of Power	Maharashtra State Electricity Distribution Company Limited (MSEDCL)	
2.	Demand (kVA)	Existing	Proposed
		562.50 kVA	1500 kVA
		Total	
		2062.5 kVA	
3.	D.G. Set (Capacity)	Existing	Total After Expansion
		500 KVA x 1 No.	500 KVA x 1 No., 2000 KVA x 2 Nos.
		<i>Note:</i> 1. D. G. Set will only be used in case of power failure.	

4.	Renewable Energy Details with budget allocation	<ul style="list-style-type: none"> The total capacity of the ground solar panels are 422.40 kW and 203.2 kW capacity of rooftop solar installed. Budgetary allocation of capital cost is INR 89.23 Lakh & recurring cost is INR 670.82 Lakh has been allocated for renewable energy.
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Table No. 9

Stack details with Specification			
Sr. No.	Utilities	Total After Expansion	Stack
1.	Boiler	1 No. × 1.1 TPH	Stack of 30-meter height is provided
		1 No. × 3 TPH	Stack of 30-meter height will be provided
2.	D. G. Set	1 No. × 500 kVA	Stack of 3.5-meter height above rooftop is provided
		2 No. × 2000 kVA	Common stack of 30-meter height will be provided
3.	Scrubber	1 No. × alkali scrubber of capacity 1500 CFM	1 nos. stack of 10-meter height from the ground is provided
		1 No. × alkali scrubber of capacity 4000 CFM	1 nos. stack of 10-meter height from the ground is provided
		1 No. × alkali scrubber of capacity 5800 CFM	1 nos. stack of 10-meter height from the ground will be provided
		1 No. × alkali scrubber of capacity 2000 CFM	1 nos. stack of 10-meter height from the ground will be provided
		1 No. × alkali scrubber of capacity 3750 CFM	1 nos. stack of 10-meter height from the ground will be provided
<i>Note:</i>			
1. D. G. Set will only be used in case of power failure.			

Table No. 10

Public Hearing		
1.	Date	Not Applicable
2.	Compliance	Not Applicable
3.	Budget Allocation	Not Applicable
4.	Time Limit for Implementation	Not Applicable
5.	MoM of public hearing attached: (Yes/ No)	Not Applicable
<i>*Note:</i>		
Since the project comes under Notified industrial Area, Public Hearing (PH) is not applicable. (Public Hearing is exempted for this project as per EIA Notification, 2006.) (MIDC Mahad Industrial Area is notified as an industrial area by the Government of Maharashtra dated 14.02.1979 vide Government Notification by Industries, Energy and Labour Department –No. IDC-2178/101875 (1704)/ Ind-14.)		

EMP Implementation

1.	Total/ Capital Investment	INR 7522.83 Lakhs
2.	Recurring Expenditure Provisions	INR 788.44 Lakhs

3.	G. B. / Plantation (Total No. of Trees)	8614 nos. of trees (considering 80% survival rate)
4.	Plantation Cost	INR 12.4 Lakhs
5.	Air Pollution Mitigation Cost	INR 96.29 Lakhs
	Noise Pollution Mitigation Cost	INR 0.7 Lakhs
	Water Pollution Mitigation Cost	INR 7290 lakhs
6.	Employees Health Check-up and Insurance Cost	INR 24.31 Lakhs
7.	Bio- Toilet Facility Cost	INR 0 Lakhs
8.	Safety, Security, Drinking Water & Solar Light etc. cost	INR 249.87737 Lakhs

CER implementation

1.	Total Budget:	INR 2.24 Cr. <i>As O.M. No. F. No. 22-65/2017-IA.III given by MoEF & CC dated 1st May 2018, M/s. Nouryon Chemicals India Pvt. Ltd. should allocate 0.75% of the project cost for implementation of need based CER activities. The proposed capital investment for project is INR 298.89 Cr., thus INR 2.24 Cr. is allocated for implementation of need based CER activities.</i>	
2.	Budget Provisions for (a: School, b: Health Centre, c: Gram-Panchayat- specify names)	1. Primary Health Center Birwadi TI.Mahad, Birwadi, Maharashtra 402302	INR 6,85,000
		2. Shetoli Primary Health Sub Center , Hanuman Temple Khaire Tarf Birwadi, Birwadi, Maharashtra 402302	INR 17,14,400
		3. Kusgaon/Sakdi	INR 52,40,000
		4. Jite, village	INR 16,60,000
		5. MMA Hospital MIDC, Maharashtra Industrial Development Corporation Mahad Nadgaon Tarf Birwadi, Maharashtra 402309.	INR 47,92,600
		6. Kahire tarfe Birwadi village	INR 49,60,000
		7. Nadgaon tarfe birwadi village	INR 33,60,000
		School	a) Drinking Water facility with Water Pipeline and RO (with AMC)

	b) Construction of toilet block with water tank	
Health Centre	a) Drinking Water facility with Water Pipeline and RO (with AMC)	
	b) Construction of toilet block with water tank:	
Gram Panchayat	a) Common Area Drinking Water Facility with Water Pipeline and RO (With AMC):	
	b) Construction of a toilet block with water tank:	

3. Proposal was considered by SEIAA in its 310th (Day-5) meeting held on 31st October, 2025 and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

SEAC Conditions-

1. PP to ensure to utilize CER fund before the commissioning of the manufacturing activity in consultation with the District Collector.
2. The PP shall manufacture no banned chemicals. No banned raw material shall be used in the proposed project. PP shall adhere to the notifications/guidelines of the Government in this regard.
3. PP shall comply with all environmental protection measures and safeguards proposed in the documents submitted. All recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo -location date & time) and other documents as applicable to the Regional Office of MoEF&CC every year for the activities carried out during previous year.
4. The PP shall comply with the environment norms for 'synthetic organic chemicals' as notified by the MoEFCC vide GSR 608 (E), dated 21st July, 2010 under the provisions of the Environment (Protection) Rules, 1986.
5. The occupational health Centre for surveillance of the workers' health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & Employees shall be provided with the required safety kits/ PPEs for personal protection.
6. The training shall be imparted to all employees on safety and health aspects for handling chemicals. Only trained employees be deployed on the hazardous operations/handlings

- etc. Action plan for mitigation measures shall be properly implemented based on safety and risk assessment studies.
7. The solvent management shall be carried out as follows,
 - (i) Reactors shall be connected to chilled brine condenser system. (ii) Reactor and Solvent handling pump shall have mechanical seals to prevent leakages. (iii) Solvents shall be stored in a separate place specified with all safety measures. (iv) Proper earthing shall be provided in all electrical and operation equipment's wherever flammable chemicals are handled. (v) The solvent storage tanks shall be provided with the breather valve to prevent losses. (vi) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
 8. The PP shall undertake waste minimization measures as below:
 - (i) Metering and Control of quantities of active ingredients to minimize waste. (ii) Reuse of by-products from the process as raw material or as raw material substitute in their processes. (iii) Use of automated filling to minimize spillages. (iv) Use of close feed system into batch reactors. (v) Venting equipment through vapour recovery system. (vi) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.
 9. PP to complete rain water harvesting facility before the commissioning of the manufacturing of the activity.
 10. PP to use new and renewable energy for illumination of office buildings, streetlights, parking's area and maintain the same regularly.

SEIAA Conditions

1. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
2. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
3. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
4. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
5. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
6. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
7. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
8. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.

9. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50 % of the total fuel requirement to the boiler.
10. PP to provide roof top Rain Water Harvesting facility.
11. PP to ensure that Project is a ZLD for unit.

General Conditions:

- I. The project proponent 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 Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <http://parivesh.nic.in>
- II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
- III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
- IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
- V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
- VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
- VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
- VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
- X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
- XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.

XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

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, amended time to time.

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.


Jayashree Bhoj
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Raigad.
7. Regional Officer, Maharashtra Pollution Control Board, Raigad.