



File No: IA-J-11011/54/2024-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 25/07/2024



To,

Aditya Sunil Phanse
ADITYA POLYMERS
Office No. 18, 1st Floor, Highway Towers, Mumbai-Pune Road, Chinchwad, Pune-411019, PUNE,
MAHARASHTRA, 411019
adityapolymers24@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project "**Proposed Manufacturing of Synthetic Organic Chemicals (Adhesive/ Polymer & its Derivatives) at Plot No. F-5/7/1, Chakan MIDC Area Phase II, Village Shinde, Tal. Khed, Dist. Pune, Maharashtra, by M/s. Aditya Polymers**" under the provision of the EIA Notification 2006 -regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/MH/IND3/467771/2024 dated 03/05/2024 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.	EC24B2410MH5111663N
(ii) File No.	IA-J-11011/54/2024-IA-II(I)
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	5(f) Synthetic organic chemicals industry
(vi) Sector	Industrial Projects - 3 Proposed Manufacturing of Synthetic Organic Chemicals (Adhesive/ Polymer & its Derivatives) by M/s. Aditya Polymers at Plot No. F-5/7/1, Chakan MIDC Area Phase II, Village Shinde, Tal. Khed, Dist. Pune, Maharashtra, 411035.
(vii) Name of Project	
(viii) Name of Company/Organization	ADITYA POLYMERS
(ix) Location of Project (District, State)	PUNE, MAHARASHTRA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for the Proposed Manufacturing of Synthetic Organic Chemicals (Adhesive/ Polymer & its Derivatives) at Plot No. F-5/7/1, Chakan MIDC Area Phase II, Village Shinde, Tal. Khed, Dist. Pune, Maharashtra, by M/s. Aditya Polymers.

The project/activity is covered under Category ‘B’ of item 5(f), Synthetic organic chemicals industry of Schedule of Environment Impact Assessment (EIA) Notification, 2006 (as amended) **but due to non-existence of SEIAA Maharashtra**, the proposal requires appraisal at central level by the sectoral EAC in the MOEF&CC.

4. The ToR was issued by the Ministry, vide letter no. IA-J-11011/54/2024-IA-II(I) dated 9.3.2024. The PP applied for Environment Clearance in the Common Application Form and submitted EIA/EMP Report and other documents. The PP in the Form reported that it is a Fresh case. The proposal placed in the 80th EAC meeting held on 7th June, 2024 wherein the PP along with accredited Consultant, M/s. EnviroSphere Consultant & Engineers LLP (NABET/EIA/23-26/IA 0130 Valid till 08.12.2026] made a detailed presentation on the salient features of the project. The information submitted by the PP is as follows:

5 . The PP reported that the proposed land area is **4500 m²**, no R& R is involved in the Project. The details of products to be manufactured are as follows:

Sr. No.	Product Details	CAS No.	Existing Quantity MT/M	Proposed Quantity MT/M	Total Quantity MT/M	Uses
1	Synthetic Resin Adhesive Homopolymer Emulsion	-	0	900	900	Furniture Industries, Paper Conversion Industries, Paper Bags, Kraft Paper, Corrugation Board
2	Copolymer	9003-11-6	0	150	150	Industries, Lamination, Film to Board Application, Sticker Making, BOPP Tape
3	Adhesive Based on Polymer	-	0	150	150	Industries, Paint Manufacturing Industries
4	Acrylic Polymers	9065-11-6	0	300	300	Paint Industries & Related Applications, Water Proofing, Chemical Making.
Total Production Capacity			0	1500	1500	

6. The PP reported that there is no violation case as per the Notification No. S.O.804(E) dated 14.03.2017 and no direction is issued under the E(P) Act/Air Act/Water Act.

7. The PP reported that there are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance from the project site. River/ water body Bhama River is flowing at a distance of 3 km in direction North. No Schedule-I species i.e Indian peafowl, are found in the study area.

8. The PP reported that the Ambient air quality monitoring was carried out at 8 locations during winter season i.e. 1st December 2023 to 29th February 2024 and the baseline data indicates the ranges of concentrations as: PM₁₀ (51g/m³ – 79 µg/m³), PM_{2.5} (19 g/m³ – 36 g/m³), SO₂ (6 g/m³ – 16 g/m³) and NO_x (14 g/m³ – 28 g/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.83 g/m³, 5.22 g/m³ and 4.64 g/m³ with respect to PM₁₀, SO₂ and NO_x respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

9. The PP reported that the total water requirement will be 114.5 CMD (Fresh- 71 CMD + Recycle- 43.5 CMD). The total trade effluent generated will be 30.7 KLD which will be treated in Biological ETP of capacity 40 KLD. The trade effluent will be treated by Primary, Secondary & tertiary treatment followed by RO & SEE to adopt ZLD. RO permeate and SEE condensate will be recycled in washing purpose, cooling tower & Boiler make up to adopt ZLD. Single Effect Evaporator (SEE) salts will be sent to CHWTSDF. ETP Sludge will be sent to CHWTSDF. Total Domestic wastewater generated will be 5 KLD, which will be treated in package STP of capacity 6 KLD. STP Treated water will be used for gardening.

10. The total Power requirement is **315 kVA** and will be met from Maharashtra State Electricity Distribution Corporation

Limited (MSEDCL). **1 no.** of DG set of capacity **250 kVA** is proposed as standby during power failure. Stack of **8 m** above ground will be provided as per CPCB norms to the proposed DG set.

11. 1 no. of CNG fired 0.85 TPH Boiler will be installed. Adequate stack height of **30 m** will be provided for better **dilution and dispersion of exhaust gas** within the statutory limit of 115 mg/Nm³ for the proposed boilers.

12. Details of fuel

Particulars	Fuel	Quantity
DG set	HSD or CNG	25 Lit/Hr or 30SCM/Hr
Boiler	CNG	518 kg/Day

13. Details of Process emissions generation and its management

1. Process emissions in the form of VOC's will be envisaged from manufacturing process.
2. Double condenser system will be attached to the reactor for control of VOC.
3. Automatic charging will be done through closed loop & control by DCS (Distributed Control System) which will reduce fugitive emission.

14. Details of Solid Waste/ Hazardous Waste Generation and its Management:

Construction Phase

Sr. No.	Type of Waste	Quantity	Mode of Disposal
1.	Metal	1 MT	Sale to authorized scrap vendor.
2.	Soil, Brick & Masonry Sand & gravel waste	1 MT	Utilized within site for road construction and site levelling.
3.	Dry Waste	1.5 kg/day	Disposed off through Local MSW Facility.
4.	Wet Waste	2.2 kg/day	Disposed off through Local MSW Facility.

Operation Phase

Sr. No.	Category	Type of Waste	UOM	Quantity	Mode of Disposal
1.	5.1	Waste oil & Used oil	Lit/M	2	Sent to Recycler / Authorized party.
2.	2.5	Process waste/residue	TPM	25	Sent to CHWTSDF
3.	35.3	ETP Sludge	TPM	8	Sent to CHWTSDF
4.	35.3	SEE Salts	TPM	0.35	Sent to CHWTSDF
5.	35.3	Spent Carbon	TPM	1	Sent to CHWTSDF/ Sale to Authorized party
6.	33.1	Empty barrels/containers/liners	Nos./M	1000	Sent to CHWTSDF/ Sale to Authorized party
7.	36.2	Filters and Filter Materials	TPM	1	Sent to CHWTSDF/ Sale to Authorized party
8.	28.4	Off Specification Product	MT/M	0.5	Sent to CHWTSDF

b) Non-Hazardous Waste

Sr. No.	Description	UOM	Total	Treatment
1	Metal, Wood & Paper scrap	MT/M	1	Sale to Authorized Scrap vendor/ Party
2	Pallets	MT/M	1	Sale to Authorized Scrap vendor/ Party
3	Waste paper boxes and polyethylene bags	MT/A	2	Sale to Authorized Scrap Vendor
4	Cotton Waste	MT/M	0.10	Sent to authorized recycler.
5	Dry Waste	Kg/Day	6.3	Collected and segregated and sent to recycler.
6	Wet Waste	Kg/Day	4.2	Collected and converted into compost at site and used as manure in greenbelt.

Other Waste				
7	E-Waste	TPA	0.05	Sale to authorized dismantlers/ Recyclers
8	Battery Waste	TPA	0.1	Returned to battery manufacturer through authorized dealer on buy back procurement

15. The Budget earmarked towards the Environmental Management Plan (EMP) is 145.50 Lakhs(capital) and the Recurring Cost (operation and maintenance) will be about 33.10 Lakhs per annum. Industry proposes to allocate 20.22 Cr ore towards CER.

16. The PP reported that the Industry will develop greenbelt in an area of 33.10 % i.e., 1489.89 m² of the total area of the project.

17. The PP reported that the public hearing is exempted as per the Para 7.III. Stage (3) (i) (b) of the EIA Notification, 2006 as the project site is located within MIDC Chakan Phase II which is declared as notified industrial area vide notification number dated 1.8.1996.

18. The PP proposed to set up an Environment Management Cell (EMC) by engaging environment officials mentioned in EIA/EMP for the functioning of EMC.

19. The PP submitted the Onsite and Offsite disaster management plans in the EIA report.

20. The estimated project cost is Rs. 20.22 Crore. Total Employment during construction phase will be 20-25 whereas during operation phase will be 65-70 persons as permanent.

21. **Deliberations by the EAC:**

During deliberations, EAC discussed the following issues:

- PP submitted the activity wise CER details

Sr. No.	CER Activity	Details	Year(Rs.InLakhs)		Total (Lakhs)	Budget
			1st	2nd		
1	Avenue Plantation	Avenue plantation at Chakan MIDC Road for 3km (1500+1500 no of trees on both sides)	10	5	15.00	
2	Pond Rejuvenation	Rejuvenation of Jadhavwadi Dam	7	3	10.00	
2	Installing rainwater harvesting units	Providing Rainwater harvesting Structure to Shinde gram Panchayat and Wasuli Gram panchayat, Bhamboli Gram panchayat & Badhalawadi Gram panchayat	6.44	4	10.44	
3	Electrification including Solar Power	Provision of Solar Streetlight at Askhed Khurd Village common area	2.5	2.5	5	
	TOTAL		25.94	14.5	40.44	

- PP submitted the details of ETP scheme
- PP submitted the details of STP scheme
- PP submitted the revised air modelling report.

Stack Height Details

S. No	Particulates	DG set (250 KvA)
	Fuel Firing Rate (100 %Load)	Fuel Firing Rate (100 %Load)
	Fuel Type	Fuel Type
	Temperature	Temperature
	Height(m)	Height(m)

	Stack dia.(m)	Stack dia.(m)
	Exit velocity (m/s)	Exit velocity (m/s)
	EmissionRateofPM10(g/s)carried for impact	EmissionRateofPM10(g/s)carried for impact
	Assessment	Assessment
	60 lit/day	60 lit/day

Revised Predicted 24-Hourly Short-Term Maximum Incremental Concentrations

S. No	Parameter	Max. baseline Conc. (ug/m ³)	Max. Incremental Conc.(ug/m ³)	Total Concentration (ug/m ³)	NAAQS limit (ug/m ³)	Distance	Direction
(i)	PM 10	79	0.83	79.83	100	400	NW
(ii)	SO ₂	16	1.88	17.88	80	200	NNW
(iii)	NO _x	28	1.07	29.07	80	200	NNW

The committee was satisfied with the response provided by PP on above information.

The EAC constituted under the provisions of the EIA Notification, 2006 comprising expert members /domain experts in various fields, examined the proposal submitted by the PP in desired format along with the EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the PP.

The EAC noted that the PP has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the PP.

The EAC noted that the EIA reports are in compliance with the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The EAC deliberated on the proposed mitigation measures towards Air, Water, Noise and Soil pollutions. The EAC advised that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

The EAC deliberated on the Onsite and Offsite Emergency plans and various mitigation measures to be proposed during the implementation also of the project and advised the PP to implement the provisions of the Rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.

The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The expert members of the EAC found the proposal in order and recommended for grant of environmental clearance.

The EAC is of the view that its recommendation and grant of environmental clearance by the regulatory authority to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The PP shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

22. The EAC, after detailed deliberations, recommended the project for the grant of environmental clearance, subject to the compliance of the terms and conditions and general terms and conditions in Annexure-I.

23. Minutes of the meeting may kindly be seen at https://parivesh.nic.in/utildoc/77053601_1718637248305.pdf

24. Based on the recommendations made by EAC in its 80th meeting of the Expert Appraisal Committee (Industry-3

sector), held on 6th -7th June, 2024 , Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project to set up “Proposed Manufacturing of Synthetic Organic Chemicals (Adhesive/ Polymer & its Derivatives) at Plot No. F-5/7/1, Chakan MIDC Area Phase II, Village Shinde, Tal. Khed, Dist. Pune, Maharashtra, by M/s. Aditya Polymers” under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the Specific and General terms and conditions as mentioned at Annexure-1. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

25. 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.

26. 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.

27. 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.

28. 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 operational 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.

29. 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.

30. 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.

31. 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.

32. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein

This issues with the approval of the Competent Authority.

Copy To

1. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001.
2. The Secretary, Environment and Climate Change Department, Govt. of Maharashtra, New Administrative Bhavan, 15th Floor, Madame Cama Road, Mantralaya, MUMBAI - 400032, Maharashtra, India.
3. The Office of the Principal Chief Conservator of Forests (Head of Forests Force) M.S. Nagpur, 3rd Floor Van Bhavan Ramgiri Road Civil Lines Nagpur 440 001.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.
5. The Member, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi – 110011.
6. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. PVR Cinema, Sion

Circle,Mumbai-400 022.

7. The District Collector, District Collector Office, Opposite Sassoon Hospital, Station Road, Pune-411001.

8. Guard File/Record File/Monitoring File / MoEF&CC Website.

Annexure 1

Specific EC Conditions for (Synthetic Organic Chemicals Industry)

1. Specific Conditions

S. No	EC Conditions
1.1	(i) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.2	(ii) Stack height of 30 m shall be provided to gas fired boiler. Stack of 8 m shall be provided to HSD based DG set of (250 KvA) as per the prescribed limits of CPCB.
1.3	(iii) Double condenser system shall be attached to the reactor for control of VOC. Automatic charging shall be done through closed loop & control by DCS (Distributed Control System) which shall reduce fugitive emission.
1.4	(iv) The total fresh water requirement from Maharashtra Industrial Development Corporation (MIDC). water supply shall not exceed 71 KLD.
1.5	(v) NOC from the Concerned Local authority shall be obtained before start of the construction of plant for drawing of the MIDC water supply for the project activities. State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
1.6	(vi) The total trade effluent generated shall not exceed 31 KLD, which shall be treated in Biological ETP of capacity 40 KLD. Treated effluent shall be passed through proposed RO. RO permeate shall be reused & reject shall be fed to proposed single effect evaporator (SEE). RO permeate and SEE condensate shall be recycled in washing purpose, cooling tower & Boiler make up to achieve Zero Liquid Discharge "ZLD". Salts from evaporator shall be disposed to CHWTSDF. 5 KLD Sewage shall be treated in the STP. STP Treated water shall be reused for gardening purpose.
1.7	(vii) The PP shall develop 5-10 m thick greenbelt over an area of 1489.89 m ² (i.e., 33.10 % of total

S. No	EC Conditions
	plot area), preferably within one year of grant of EC. The number of saplings shall be planted and should be of sufficient height, preferably 6-ft within the plant premises. The budget earmarked for the plantation shall be kept in a separate account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.
1.8	(viii) All the hazardous waste shall be managed and disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Hazardous waste such as Distillation Residue and Off Specification Products shall be either sent to common incineration site or sent for coprocessing. Municipal solid waste shall be segregated into dry and wet garbage at site in accordance to the Solid Waste Management Rules, 2016. Wet waste shall be converted into compost and used as manure for greenbelt development.
1.9	(ix) Monitoring of the compliance of EC conditions shall be submitted with third party audit every year.
1.10	(x) A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. PP shall engage Environment Officials. In addition to this one safety & health officer as per the qualification given in Factories Act 1948 shall be engaged within a month of grant of EC. PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.
1.11	(xi) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP is 145.50 Lakhs (Capital cost) and Rs. 33.10 Lakhs per annum (Recurring cost) 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 document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.
1.12	(xii) No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.

S. No	EC Conditions
1.13	(xiii) The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.14	(xiv) The project proponent shall comply with the environment norms for synthetic organic chemical as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 608 (E), dated 21. 7.2010 under the provisions of the Environment (Protection) Rules, 1986.
1.15	(xv) All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996. The occupier of new as well as expansion projects shall be required to comply with the provisions of the MSIHC Rules, 1989 including notifying their activities or seeking site approval from the concerned authorities, to address operational safety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules may be referred.
1.16	(xvi) The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.
1.17	(xvii) The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.
1.18	(xviii) The occupational health centre for surveillance of the worker's 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 required safety kits/mask for personal protection.
1.19	(xix) Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.
1.20	(xx) The unit shall make the arrangement for protection of possible fire hazards during

S. No	EC Conditions
	manufacturing process in material handling. Fire-fighting system shall be as per the norms.
1.21	(xxi) The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.

Standard EC Conditions for (Synthetic organic chemicals industry)

1.

S. No	EC Conditions
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
1.2	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.
1.3	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
1.4	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
1.5	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
1.6	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

S. No	EC Conditions
1.7	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
1.8	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
1.9	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.
1.10	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
1.11	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
1.12	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

Additional EC Conditions

(i) Trees shall be planted in the GreenBelt area under the campaign #Plant4Mother #एक_पेड़_माँ_के_नाम and uploaded on MeriLiFE portal.