

Half Yearly Compliance Report
2026
01 Jun(01 Oct - 31 Mar)

Acknowledgement

Proposal Name		Expansion of Poly Vinyl Chloride (PVC) Paste Resin from 66000 TPA to 145000 TPA	
Name of Entity / Corporate Office		CHEMPLAST SANMAR LIMITED	
Village(s)		N/A	
District		SALEM	
Proposal No.	IA/TN/IND2/546296/2025	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	TAMIL NADU	Entity's PAN	*****3000F
MoEF File No.	IA-J-11011/211/2024-IA-II	Entity name as per PAN	CHEMPLAST SANMAR LIMITED

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	Chemplast Sanmar Limited, Plant-II, Mettur, Tamilnadu. Expansion of Poly Vinyl Chloride (PVC) Paste Resin from 66000 TPA to 145000 TPA Second Bi-annual EC Compliance report for the year 2025-26
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	CHEMPLAST SANMAR LIMITED	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	46.86	46.86
Revenue Land	0	0
Forest	0	0
Others	N/A	N/A
Total	46.86	46.86

Others Area

Sr. no	Other Name	Area Granted	Area Actual
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Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	PVC resins	Tons per Annum (TPA)	31/03/2027	145000	65968	66000
2	Hydrochloric Acid	Tons per Annum (TPA)	31/03/2027	-	67345	68000

Conditions		
Specific Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	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
PPs Submission: Agreed to Comply Agree to Comply.		Date: 27/05/2026
2	WATER QUALITY MONITORING AND PRESERVATION	The total fresh water requirement after expansion shall be 5,691 KLD, which shall be met from the Mettur Cauvery (Stanley) Water Reservoir. The effluent generation after expansion shall be 1,896 KLD, which shall be treated through the existing ETP of 3,000 KLD capacity, followed by a ZLD system of 2,089 KLD capacity. Domestic wastewater shall be treated in the STP (300 KLD). The plant will operate on a Zero Liquid Discharge (ZLD) system, and treated effluent shall not be discharged outside the factory premises.
PPs Submission: Agreed to Comply The project has not yet started and will be completed during the implementation phase. CSL continue to operate on a Zero Liquid Discharge (ZLD) system and treated effluent will not be discharged outside the factory premises.		Date: 27/05/2026
3	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
PPs Submission: Being Complied The unit is operating with Zero Liquid Discharge (ZLD). Further, process effluent / any waste water will not be allowed to mix with storm water. Storm water drain is passing through Guard Pond.		Date: 27/05/2026
4	Statutory compliance	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
PPs Submission: Being Complied All Hazardous chemicals are stored and being transferred through pumps. The same practices will be maintained during expansion.		Date: 27/05/2026
5	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to

		cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF. The waste generated from the plant shall be treated/disposed as per table mentioned.	
	PPs Submission: Complied Chemical sludge from waste water treatment (ETP Sludge) is disposed to TNPCB Authorized Common TSDF of M/s. ReSustainability, Pochampalli. Chemical sludge from waste water treatment (ZLD Sludge) is disposed to TNPCB Authorized co processing cement industry of M/s. The India Cements Limited, Sankari. Chemical sludge from waste water treatment (ZLD salt) is being reused as raw material in M/s. Chemplast Sanmar Ltd, Plant-III.		Date: 27/05/2026
6	AIR QUALITY MONITORING AND PRESERVATION	The plant shall be equipped with a Distributed Control System (DCS), interlocking systems, and sensors to detect the presence of EDC, VCM, and other VOCs as applicable. A Leak Detection and Repair (LDAR) Standard Operating Procedure (SOP) shall be strictly enforced. Further, a secondary array of sensors and alarms, designed to detect the same chemicals, shall be installed along the project s boundary wall.	
	PPs Submission: Being Complied The unit has adopted Distributed Control System (DCS) to control the process parameters automatically. VCM sensors are installed in process area and VOC sensors are installed in the boundary of the plant. Leak Detection and Repair (LDAR) studies are conducted by NABL accredited Laboratory on Annual basis. Latest LDAR Study carried out during September 2025.		Date: 27/05/2026
7	WASTE MANAGEMENT	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bioremediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.	
	PPs Submission: Being Complied Oily residues are being disposed to Authorized Agency. The same practices will be maintained for expansion		Date: 27/05/2026
8	WATER QUALITY MONITORING AND PRESERVATION	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.	
	PPs Submission: Agreed to Comply The project is not yet started. Will be complied during the project implementation.		Date: 27/05/2026
9	WATER QUALITY MONITORING AND PRESERVATION	Ground water shall be monitored every month in piezometric wells around Solid Waste Landfill (SLF) site.	
	PPs Submission: Being Complied The ground water quality around the SLFs are being monitored by MoEF accredited laboratory on monthly basis and by TNPCB on annual basis. Latest monitoring report is attached as Annexure.		Date: 27/05/2026
10	Statutory compliance	The company 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 vapour recovery system. (f) Use of high pressure hoses for equipment cleaning etc. to reduce wastewater generation.	
	PPs Submission: Complied Following are the measures taken to minimize the wastes; a) Metering of quantities (through flow		Date: 27/05/2026

		meters for EDC, VCM, etc.) of all raw materials is being done to minimize waste b) Reusing of ZLD Salt from the process as raw material in Plant III for Caustic Manufacturing. c) Use of automated material system for HCl Truck filling system, Level based interlocks for EDC and VCM storage, Automatic bag filling system for PVC product, etc., to minimize spillage. d) Closed feed system is used for charging of raw material VCM, into the reactors. e) Vapour Recovery system is in place. Process reactors are connected with primary condenser followed by Vent Condensers. f) High pressure-hoses are used in Process area for equipment cleaning to reduce the wastewater generation. The same practices will be maintained for the expansion .	
11	GREENBELT	Greenbelt of at least 5-10 m shall be developed in 18.75 hectares, i.e., 40.01 Percentage of total project area which shall be densified at 2500 trees per hectare, mainly along the plant periphery. Indigenous species shall only be planted as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall plant at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Trees shall be planted in the Green Belt under the campaign Plant4Mother and uploaded on the MeriLiFE portal (https://merilife.nic.in/).	
PPs Submission: Being Complied Extensive green belt is developed and well maintained to mitigate noise and dust emissions from the plant. The unit has covered 36.1 percentage of the existing plot area i.e, 42.43 Acres (18780 Nos of trees) under greenbelt with native species. Another 3.9 percentage area will be developed during the project implementation			Date: 27/05/2026
12	Corporate Environmental Responsibility	PP proposed to allocate Rs. 5.55 Crores towards CER which shall be spent as submitted as per plan (Annexure - 4) in consultation with District Administration. All the commitments made in Public Hearing shall be completed within the timeline as per action plan submitted.	
PPs Submission: Agreed to Comply Agreed to comply.			Date: 27/05/2026
13	Corporate Environmental Responsibility	A separate Environmental Management Cell (having qualified person 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.	
PPs Submission: Complied Environment Management cell is in place with qualified Engineer to carry out the Environmental Management and Monitoring functions at plant supported by Corporate Environment Team from Head Office. Organogram of Environment Cell is attached as Annexure . CSL is having Full-fledged laboratory facilities for Environmental parameter monitoring. Lab photo is attached as Annexure .			Date: 28/05/2026
14	Risk Mitigation and Disaster Management	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	
PPs Submission: Complied Fire Extinguishers and fire hydrant system are well maintained as per the norms. We have a dedicated Fire Tender and fire crew. Photos of Fire Tender and Fire Crew is attached as Annexure . The same practices will be maintained for expansion.			Date: 27/05/2026
15	AIR QUALITY MONITORING AND	All the existing and proposed stacks shall not exceed the emission limits prescribed at Annexure -6. Continuous online (24x7)	

	PRESERVATION	monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server.	
PPs Submission: Being Complied All the Air pollution control equipment's are in operation in an efficient manner. Monthly monitoring of stack emissions is carried out through NABL and MoEF and CC accredited Laboratory and report is being submitted to TNPCB on monthly basis. The list of Stacks and Stack Emission monitoring data during Compliance period (October 2025 to March 2026) is attached as Annexure . There is no failure / down-time of any pollution control system during the compliance period. The same will be followed for Expansion project.		Date: 28/05/2026	
16	Human Health Environment	Industry shall allocate at least Rs. 0.50 Crore for Occupational Health Safety for establishing occupational health Centre for surveillance of the workers health within the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers and employees shall be provided with required safety kits/mask for personal protection.	
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026	
17	AIR QUALITY MONITORING AND PRESERVATION	The National Emission Standards for Petrochemical (Basic and Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November, 2012 as amended time to time shall be followed	
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026	
18	Risk Mitigation and Disaster Management	Recommendations of mitigation measures from possible accident shall be implemented based on advanced risk Assessment studies conducted for worst case scenarios using latest techniques.	
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026	
19	WASTE MANAGEMENT	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026	
20	Statutory compliance	The project proponent shall ensure the compliance of the Ministry's OM dated 14th January 2025 w.r.t. streamlining the implementation of Notifications G.S.R. 702 and G.S.R. 703 dated 12th November 2024.	
PPs Submission: Agreed to Comply Noted.		Date: 27/05/2026	
General Conditions			

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	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.
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026
2	ENERGY PRESERVATION MEASURES	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026
3	Noise Monitoring & Prevention	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).
PPs Submission: Complied Adequate Noise Control Measures are implemented in the work area so that the Ambient Noise Level never exceeds the standard as prescribed by the Tamil Nadu pollution Control Board. In -built engineering control measures have been provided for the noise prone equipments. Apart from this, PPEs like earmuff / earplugs are provided to all the employees working in the noise prone areas as a secondary protection from noise. Ambient Noise Level is measured internally on monthly basis and the report on the same is submitted to TNPCB on monthly basis. TNPCB is annually monitoring the Ambient Noise Level annually in 7 boundary Locations and 5 source Locations. Noise level monitored data during the compliance period is found within the standard and the report is attached as Annexure .		Date: 27/05/2026
4	Corporate Environmental Responsibility	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. Extended EMP activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026
5	Corporate Environmental Responsibility	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.

PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026
6	Statutory compliance	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
PPs Submission: Complied Copy of communication letter sent to local body is attached as Annexure		Date: 27/05/2026
7	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF and 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.
PPs Submission: Complied EC Compliance status report for the compliance period April 25 to Sep 25 is submitted to MoEF and CC on 26.11.2025. Copy of the acknowledgement is attached as Annexure. EC copy is uploaded in our company website.(Link: https://www.chemplantsanmar.com/pvc-ec-mettur.php)		Date: 27/05/2026
8	Statutory compliance	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 Regional Offices of MoEF and CC by e-mail.
PPs Submission: Being Complied The environmental statement for each financial year ending 31st March in Form-V is being submitted to TNPCB timely.		Date: 27/05/2026
9	Statutory compliance	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.
PPs Submission: Complied Copy of Paper Advertisement and the communication letter sent to Regional Office of the Ministry are attached as Annexure.		Date: 27/05/2026
10	Statutory compliance	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.
PPs Submission: Agreed to Comply Agreed to comply.		Date: 27/05/2026

11	Statutory compliance	This Environmental clearance is granted subject to final outcome of Honorable Supreme Court of India, Honorable High Court, Honorable NGT and any other Court of Law, if any, as may be applicable to this project.
PPs Submission: Agreed to Comply Noted.		Date: 27/05/2026

Visit Remarks

Last Site Visit Report Date:	25/11/2024
Additional Remarks:	--

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

