



Chemplast Sanmar Limited

CSL/KKL/EN/MOEF&CC/2026/APR/553
20 APR 2026
Ethylene Dichloride (EDC/R-32 Project)

Karaikal Plant:
Melavanjore Village T R Pattinam Panchayat
Nagore 611 002 India
Tel + 91 4365 256 475/ 476
E-mail: csl@sanmargroup.com
www.chemplastsanmar.com
CIN L24230TN1985PLC011637

Deputy Director General of Forests
Ministry of Environment, Forest and Climate Change (MoEF&CC)
Integrated Regional Office, 1st Floor, Additional Office Block for GPOA
Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600006, Tamilnadu

Respected Sir/Madam,

Subject: Submission of Half-Yearly Compliance Status Report on Environmental Clearance (EC) given by Ministry of Environment, Forest and Climate Change (MoEF&CC) -reg.

Reference: MoEF&CC EC/File No.: IA-J-11011/37/2025-IA-II dated 05 JUL 2025

With reference to the above-mentioned subject, please find the enclosed compliance status report on the conditions contained in the MoEF&CC's EC "Ethylene Dichloride (EDC) – 75,400 TPA Manufacturing Unit Located at Plot No.: A- 196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Pondicherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam (Village), Karaikal (District), Puducherry U.T. of M/s. Chemplast Sanmar Limited" for the period from OCTOBER 2025 to MARCH 2026.

We have not commenced the project implementation activities which are mentioned in Environmental Clearance. We will submit the detailed Compliance Status Report once the project (i.e. construction) is started.

Thanking you and assuring our best cooperation always,

Yours faithfully,
For Chemplast Sanmar Limited,


S.Mathivanan

Senior Vice President – Operations

Enclosures: As mentioned above

Copy to:

The Member Secretary
Puducherry Pollution Control Committee
3rd Floor, PHB Building, Anna Nagar
Puducherry - 605005



Regd Office: 9 Cathedral Road Chennai 600 086 India



COMPLIANCE STATUS

Subject/Proposal name:

Proposed Ethylene Dichloride (EDC) – 75,400 TPA Manufacturing Unit Located at Plot No.: A-196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Pondicherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam (Village), Karaikal (District), Puducherry U.T. of M/s. Chemplast Sanmar Limited

Reference:

Environmental Clearance/File No.: IA-J-11011/37/2025-IA-II dated 05 JUL 2025

PRESENT STATUS OF THE PROJECT

The said project of "Ethylene Dichloride (EDC) – 75,400 TPA Manufacturing Unit Located at Plot No.: A- 196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Pondicherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam (Village), Karaikal (District), Puducherry U.T. of M/s. Chemplast Sanmar Limited" is in Detailed Engineering phase and not in operation

Conditions and Environmental Safeguards:

#	Conditions description	Compliance status
1	<u>Specific EC Conditions for (Petroleum Products and Petrochemical Based Processing Such as Production of Carbon Black and Electrode Grade Graphite (Processes Other Than Cracking)</u>	
1.1	<u>General conditions:</u> 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	Agree to comply. No further expansion in the plant other than mentioned in the EC will be carried out without prior approval from the MoEF&CC
1.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment	Agree to comply. The energy source for lighting will be LED based for energy conservation and environment betterment
1.3	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	Agree to comply. Noise levels in and around the plant area will be kept within the standards by providing required noise control measures



	conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	
1.4	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	Agree to comply. CSR activities will be undertaken by involving local villages & administration as per the CSR procedure established by the company
1.5	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	Agree to comply. Sufficient funds will be allotted to implement the conditions stipulated by MoEF&CC and the earmarked funds will not be diverted for any other purpose
1.6	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	Complied. A copy of EC was submitted to T. R. Pattinam Commune Panchayat on 11 JUL 2025 via Letter No.: CSL/KKL/EN/R-32&EDC/2025/JUL/466 dt. 08 JUL 2025 - <i>Copy of the letter attached as Annexure</i>
1.7	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&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	Complied. <ul style="list-style-type: none"> ▪ Six monthly reports have been submitted to, <ul style="list-style-type: none"> - CPCB via mail - SPCB (PPCC) via mail & hard copy - MoEF&CC via PARIVESH Portal ▪ Copy of the six-monthly compliance status report is available on the company website - <i>Copies of the above are attached as Annexure</i>
1.8	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	Agree to comply



	conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail	
1.9	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	Complied. Information provided to the public that we have been accorded EC by the Ministry through advertisement in local newspapers and copy of the same was forwarded to the Regional Office on 17 JUL 2025 via Letter No.: CSL/KKL/EN/R-32&EDC/2025/JUL/471 - Copy of the newspaper publications & the letter to MoEF&CC is attached as Annexure
1.10	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	Agree to comply
1.11	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	Noted
2	<u>Petroleum Products and Petrochemical Based Processing Such as Production of Carbon Black and Electrode Grade Graphite (Processes Other Than Cracking)</u>	
2.1	The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-I species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner	Complied. Site specific conservation plan and wildlife management plan is prepared for the presence of Schedule-I species in the study area as applicable to the project and submitted to 'The Deputy Conservator of Forests, Karaikal' for approval. The recommendations will be implemented in consultation with the State Forest/Wildlife Department in a time bound manner - Copy of the letter is attached as Annexure
2.2	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 (Annexure - 8)	Agree to comply. We will 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 will be implemented
2.3	Total water requirement is 1528 m3/day	Agree to comply.



	<p>which will be met from Desalination Plant of Chemplast Sanmar Limited, Karaikal. Necessary permission in this regard shall be obtained from the concerned regulatory authority. The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond</p>	<p>- Water requirement will be met from the Desalination Plant of M/s. Chemplast Sanmar Limited, Karaikal after getting necessary permission from the concerned regulatory authority</p> <p>- No waste/treated water will be discharged outside the premises. Process effluent/any wastewater will not be allowed to mix with storm water. Storm water drain will be passed through guard pond</p>
2.4	<p>The PP shall obtain CTE 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 Puducherry Pollution Control Committee, prior to construction & operation of the project</p>	<p>Complied.</p> <p>CTE as per the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 was obtained from Puducherry Pollution Control Committee (PPCC) on 03 NOV 2025 [Ref. No.: (518221)/(2025)]</p> <p>- Copy of the CTE is attached as Annexure</p>
2.5	<p>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</p>	<p>Agree to comply.</p> <p>- Hazardous chemicals will be stored in tanks, tank farms, drums, carboys etc.</p> <p>- Flame arresters will be provided on tank farm & solvent transfer will be done through pumps</p>
2.6	<p>Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry</p>	<p>Agree to comply.</p> <p>All the hazardous waste will be managed and disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016</p>
2.7	<p>Regular VOC monitoring shall be done at vulnerable points</p>	<p>Agree to comply</p>
2.8	<p>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</p>	<p>Agree to comply</p>
2.9	<p>Oil catchers/oil traps shall be provided at all possible locations in rain/storm water drainage system inside the factory premises</p>	<p>Agree to comply</p>
2.10	<p>The company shall undertake waste minimization measures as below:</p> <ul style="list-style-type: none"> • Metering and control of quantities of active ingredients to minimize waste • Reuse of by-products from the process as raw materials or as raw material substitutes in other processes • Use of automated filling to minimize spillage • Use of Close Feed system into batch reactors 	<p>Agree to comply.</p> <p>Required waste minimization measures will be undertaken during the operational phase</p>



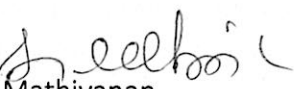
	<ul style="list-style-type: none"> • Venting equipment through vapour recovery system • Use of high pressure hoses for equipment cleaning etc. to reduce wastewater generation 	
2.11	<p>Greenbelt of at least 5-10 m width shall be developed in 4.11 hectares, i.e., ~33% of total project @ 2500 trees per hectares, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop 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. The PP shall annually submit the audited statement along with geotagging, 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. Trees shall be planted in the Green Belt under the campaign #Plant4Mother #एक पेड़ माँ के नाम and uploaded on the MeriLiFE portal (https://merilife.nic.in/)</p>	<p>Agree to comply.</p> <ul style="list-style-type: none"> - Adequate Green belt will be developed along the plant periphery, in downward wind direction and along road sides - Selection of plant species will be as per the CPCB guidelines in consultation with the State Forest Department - We will annually submit the audited statement along with geotagging, details of species planted, number of species planted, survival rate, density of plantation etc. - Trees will be planted in the Green Belt under the campaign "EK PED MAA KE NAAM" and details will be uploaded in the Meri LiFE portal respectively
2.12	<p>PP proposed to allocate Rs. 6.00 Crores towards Extended EMP which shall be implemented as per plan submitted (Annexure - 9) in consultation with District Administration</p>	<p>Agree to comply. EMP will be implemented as per plan submitted in consultation with District Administration</p>
2.13	<p>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</p>	<p>Agree to comply. A separate Environmental Management Cell equipped with full-fledged laboratory facilities will be established to carry out the Environmental management and monitoring functions</p>
2.14	<p>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</p>	<p>Agree to comply. Fire-fighting system will be installed as per the norms</p>
2.15	<p>The fuel used for the proposed 2 (25 TPH) boilers shall be natural gas/ LSHS with the PM emission limit of 100 mg/nm3. Continuous</p>	<p>Agree to comply. - Continuous online (24x7) monitoring system for stack emissions will be installed</p>



	online (24x7) 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. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet	for measurement of flue gas discharge & the pollutants concentration and the data will be transmitted to the CPCB/PPCC servers - In case of the treated effluent is utilized for irrigation/gardening, real time monitoring system will be installed at the ETP outlet
2.16	PP to set up occupational health Centre for surveillance of the worker's health within and outside the plant on a regular basis. 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	Agree to comply. - OHC for surveillance of the worker's health will be set up and the health data will be used in deploying the duties of the workers - Employees will be provided with required safety kits/personal protective equipments
2.17	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November, 2012 as amended time to time shall be followed	Agree to comply with the National Emission Standards for Petrochemical
2.18	Recommendations of mitigation measures from possible accident shall be implemented based on advanced risk Assessment studies conducted for worst case scenarios using latest techniques	Agree to comply. Recommendations of mitigation measures from possible accident will be implemented based on risk Assessment studies conducted for worst case scenarios
2.19	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	Agree to comply. Awareness will be created among the people working within the project area on the ban of Single Use Plastic

Thanking you,

Yours faithfully,
For Chemplast Sanmar Limited,


S.Mathivanan,
Senior Vice President – Operations





Chemplast Sanmar Limited

CSL/KKL/EN/R-32&EDC/2025/JUL/466

08 JUL 2025

R-32 Division

Karaikal Plant:

Melavanjore Village T R Pattinam Panchayat

Magore 611 002 India

Tel + 91 4365 256 475/ 476

E-mail: csl@sanmargroup.com

www.chemplastsanmar.com

CIN L24230TN1985PLC011637

The Commissioner

T.R. Pattinam Commune Panchayat

National Highway 45A, Tirumalairayan Pattinam

Karaikal Region - 609606

U.T. of Puducherry

Respected Sir,

Subject:

Submission of Environmental Clearance (EC) copy for the Proposed Ethylene Di Chloride (EDC) Manufacturing Unit from Ministry of Environment, Forest & Climate Change (MoEF&CC) -reg.

Reference:

MoEF&CC EC/File No.: IA-J-11011/37/2025-IA-II dated 05 JULY 2025

We wish to inform you that, we have obtained the Environmental Clearance (EC) from Ministry of Environment, Forest & Climate Change (MoEF&CC) for our Proposed Ethylene Di Chloride (EDC) Manufacturing Unit.

As per the "General Conditions/EC Conditions" of EC (Serial No.: 1.6) we have to sent a copy the clearance letter to concerned Panchayat.

Please find enclosed a copy of EC for the EDC Manufacturing Unit for your ready reference.

Kindly acknowledge the receipt.

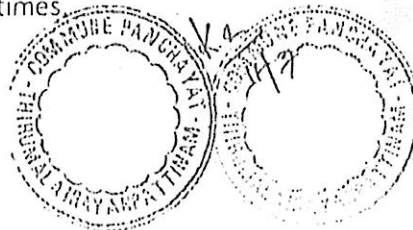
Thanking you and assuring our best cooperation at all times.

Yours faithfully,

for Chemplast Sanmar Limited,


S.Mathivanan

Senior Vice President -- Operations



Regd Office: 9 Cathedral Road Chennai 600 086 India

R Karthik -RK55 -SR MGR/KKL/PVC/CP

From: R Karthik -RK55 -SR MGR/KKL/PVC/CP
Sent: 17-November-2025 17:55
To: eccompliance-py@gov.in; rdchennai.cpcb@gov.in
Cc: S Mathivanan -SM37 -SR VP/KKL/PVC /CP; D M Senthilkumar -DMS2 -VP/KKL/PVC/CP; R Sathish Kumar -RSK7 -GM/CATHRD/CHEM COMMON/CP
Subject: M/s. Chemplast Sanmar Limited, Karaikal: Half Yearly Compliance Status Report (NOV 2025) -reg. [Part-3]
Attachments: EDC Plant (R32 Project)_HY Compliance Status Report_NOV 25.pdf; EDC Plant (R32 Project)_Parivesh Ack..pdf; 6 MLD Desal. Plant_HY Compliance Status Report_NOV 25.pdf; 6 MLD Desal. Plant_Parivesh Ack..pdf
Importance: High

Good day Sir/Madam,
Greetings from Chemplast Sanmar Limited, Karaikal Plant.,

Please find the Half-Yearly Compliance Status Report attached for the following Environmental Clearance (EC) & Coastal Regulation Zone (CRZ) Clearance given by Ministry of Environment, Forest & Climate Change (MoEF&CC),

- MoEF&CC EC/File No.: IA-J-11011/37/2025-IA-II dated 05 JUL 2025 - Ethylene Dichloride (EDC) – 75,400 TPA Manufacturing Unit Located at Plot No.: A- 196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Pondicherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam (Village), Karaikal (District), Puducherry U.T. of M/s. Chemplast Sanmar Limited
- MoEF&CC EC/File No.: 11/58/2024-IA.III dated 26 JUL 2025 - Construction of 6 MLD Desalination Plant along with associated sea water intake and outfall system at R.S. No.: 206, Melavanjore Village, T.R. Pattinam, Karaikal, Puducherry U.T. by M/s. Chemplast Sanmar Limited

We have not commenced the project implementation activity, which are mentioned in the Clearances. We will submit the detailed Compliance Status Report once the project activities (i.e., construction) have started.

The compliance status reports are for the period from APR 2025 to SEP 2025. The same is uploaded in the MoEF&CC website (<https://parivesh.nic.in> – Acknowledgements attached)

Thanking you and assuring our best cooperation at all times.

Regards,
R.KarthiK
Sr. Manager-Environment

CSL/KKL/EN/MOEF&CC/2025/OCT/501

27 OCT 2025

Ethylene Dichloride (EDC/R-32 Project)

Deputy Director General of Forests

Ministry of Environment, Forest and Climate Change (MoEF&CC)

Integrated Regional Office, 1st Floor, Additional Office Block for GPOA

Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600006, Tamilnadu

Karaikal Plant:

Melavanjore Village T R Pattinam Panchayat

Nagore 611 002 India

Tel + 91 4365 256 475/ 476

E-mail: csl@sanmargroup.com

www.chemplastsanmar.com

CIN L24230TN1985PLC011637

Respected Sir/Madam,

Subject: Submission of Half-Yearly Compliance Status Report on Environmental Clearance (EC) given by Ministry of Environment, Forest and Climate Change (MoEF&CC) -reg.

Reference: MoEF&CC EC/File No.: IA-J-11011/37/2025-IA-II dated 05 JUL 2025

With reference to the above-mentioned subject, please find the enclosed compliance status report on the conditions contained in the MoEF&CC's EC "Ethylene Dichloride (EDC) – 75,400 TPA Manufacturing Unit Located at Plot No.: A- 196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Pondicherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam (Village), Karaikal (District), Puducherry U.T. of M/s. Chemplast Sanmar Limited" for the period from APRIL 2025 TO SEPTEMBER 2025.

We have not commenced the project implementation activities which are mentioned in Environmental Clearance. We will submit the detailed Compliance Status Report once the project (i.e. construction) is started.

Thanking you and assuring our best cooperation always,

Yours faithfully,

For Chemplast Sanmar Limited,



S.Mathivanan

Senior Vice President – Operations

Enclosures: As mentioned above

Copy to:

✓ The Member Secretary

Puducherry Pollution Control Committee

3rd Floor, PHB Building, Anna Nagar

Puducherry - 605005

T. Velmurugan
28/10/2025
✓
DESPATCHER
Puducherry Pollution Control Committee
469, PHB Building, Bharathiyar Road
Nehru Nagar, Karaikal - 609 605

Regd Office: 9 Cathedral Road Chennai 600 086 India



Responsible Care®

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA-J-11011/37/2025-IA-II
Compliance ID	138776186
Compliance Number(For Tracking)	EC/M/COMPLIANCE/138776186/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	28-10-2025
RO/SRO Name	V Geroge Jenner
RO/SRO Email	tr025@ifs.nic.in
State	PUDUCHERRY
RO/SRO Office Address	Integrated Regional Offices, Chennai

Note:- SMS and E-Mail has been sent to V Geroge Jenner, PUDUCHERRY with Notification to Project Proponent.

Home > Products > EC - Karaikal

Environmental Compliance - Karaikal

- Form 5_FY_2024-25
- EC 1996_Name transfer (KPCL to CSL)
- EC 1996_6o TPD Chlor Alkali Plant
- KOCPL_HY Compliance Status Report 12 NOV 2025
- MTF pipelines_HY Compliance Status Report 12 NOV 2025
- Setting up MTF_HY Compliance Status Report 12 NOV 2025
- EDC Plant (R32 Project)_HY Compliance Status Report 27 OCT 2025
- 6 MLD Desal. Plant_HY Compliance Status Report 27 OCT 2025
- Chlor Alkali Plant_HY Compliance Status Report 17 NOV 2025
- CMCD_HY Compliance Status Report 27 OCT 2025
- R32 Project_HY Compliance Status Report 27 OCT 2025
- 6 MLD Desalination Plant-CRZ Clearance dt 26-07-2025
- R32 Project-EC dt. 05-07-2025 (EDC Manufacturing)
- R32 Project-EC dt. 18.06.2025 (R32 Manufacturing)
- EC Y2017_HY Compliance Report_MAY_25
- EC Y2007 & Y2021_HY Compliance Report_MAY_25
- EC Y2004_HY Compliance Report_MAY_25
- EC Y1996_HY Compliance Report_MAY_25
- CSL KKL BMW details FY 2023-26

Products

- Specialty Paste PVC resin
- Custom Manufactured Chemicals
 - Organic chemicals
 - Phyto Chemicals
 - Colchicine
 - Thiocolchicoside
- Value Added Chemicals
 - Caustic Chlor
 - Solvents
 - Refrigerant gas
 - Hydrogen Peroxide
- Environmental Compliance
 - Mettur
 - Cuddalore
 - Karaikal
 - Berrigal
- Marine Terminal
 - Cuddalore
 - Karaikal

Products Search



Chemplast Sanmar Limited

CSL/KKL/EN/R-32&EDC/2025/JUL/471

17 JUL 2025

R-32 Division

Karaikal Plant:

Melavanjore Village T R Pattinam Panchayat

Nagore 611 002 India

Tel + 91 4365 256 475/ 476

E-mail: csl@sanmargroup.com

www.chemplastsanmar.com

CIN L24230TN1985PLC011637

Deputy Director General of Forests

Ministry of Environment, Forest and Climate Change (MoEF&CC)

Integrated Regional Office, 1st Floor, Additional Office Block for GPOA

Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600006

Tamilnadu

Respected Sir,

Subject: Submission of the advertisement copies in two local newspapers & copy of letters submitted to concerned Panchayat with clearance letter for the proposed Difluoromethane (R-32) & Ethylene Di Chloride (EDC) Manufacturing Units -reg.

Reference:

" MoEF&CC EC/File No.: IA-J-11011/21/2025-IA-II(I) dated 18 JUN 2025

" MoEF&CC EC/File No.: IA-J-11011/37/2025-IA-II dated 05 JUL 2025

With reference above-mentioned subject and as per the Environmental Clearance (EC) conditions we would like to confirm that,

- " A copy of the clearance letters were sent to concerned Panchayat
- " Public was informed 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/>" through advertisements made in two local newspapers

Thanking you and assuring our best cooperation at all time

Yours faithfully,

for Chemplast Sanmar Limited,


S.Mathivanan

Senior Vice President -- Operations

Enclosures:

- " Copies of advertisement made in two local newspapers (English: The New Indian Express & Tamil: Dinamani)
- " Copy of letters submitted to concerned Panchayat (T.R. Pattinam Commune Panchayat) with clearance letter

Regd Office: 9 Cathedral Road Chennai 600 086 India

<Track on www.indiapost.gov.in>
<Dial 18002666868><Wear mask -Stay safe>

ET050010594IN IVR:6984850010594
SF TIRUNELAIRAYANPATTINAM S.O <609606>
Counter No:1,17/07/2025,13:33
To:DEPY DIRE GENL O FORESTS,
PIN:600006, Greens Road S.O
From:CHEMPLAST S,LTD MELAVANJORE
Wt:105gms
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தினமணி

வெள்ளிக்கிழமை

11 ஜூலை 2025

நாகப்பட்டினம்

12 பக்கங்கள் ரூ.9

வெள்ளிக்கிழமை, 11 ஜூலை 2025

தினமணி நாகப்பட்டினம்

பொன் அளிக்கிறது

புதுச்சேரி தொழில் உயர்வு அபிவிருத்தி மற்றும் முதலீட்டு ஆகைஸ் லிமிடெட் (PIPDI), தொழில் துறை வளர்ச்சி மையம், போலகம் கிராமம், காரைக்கால், புதுச்சேரி யூனியன் பிரதேசத்தில் முன்மொழியப்பட்ட எத்தின் டைகோனாஜூ (EDC) உற்பத்தி அலகு நிறுவனத்திற்கு தின் கெம்பொஸ்ட் சன்மார் லிமிடெட் நிறுவனத்திற்கு கற்றுச்சூழல், வணம் மற்றும் பருவநிலை மாற்றம் அமைச்சகம், IA பிரிவு (இந்திரா பர்யவரன் பவன், ஜோர்பாக் சாலை, புது டில்லி-110003) 05/07/2025-ம் தேதியிட்ட கோப்புவண் IA-J-11011/37/2025-IA-II மூலம் கற்றுச்சூழல் அலகு நிறுவனத்திற்கு என்று பொதுமக்களுக்கு தெரிவிக்கப்படுகிறது. கற்றுச்சூழல் அலகின் நகல் புதுச்சேரி மாக கட்டுவாட்டு குழுமத்திலும், கற்றுச்சூழல் வணம் மற்றும் பருவநிலை மாற்றம் அமைச்சகத்தின் <https://parivesh.nic.in> என்ற இணையதளத்திலும் பரக்கலாம்.

இந்திய அரசின் கற்றுச்சூழல், வணம் மற்றும் பருவநிலை மாற்றம் அமைச்சகத்தின் அறிவுறுத்தல்களின்படி, திட்ட முன்மொழியல் கடைபிடிக்க வேண்டிய நிபந்தனையின்படி இந்த அறிவிப்பு வெளியிடப்படுகிறது.

கெம்பொஸ்ட் சன்மார் லிமிடெட்
9, கதிடீரல் சாலை,
சென்னை - 600086



THE NEW

INDIAN EXPRESS

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THE NEW
INDIAN
EXPRESS

NAGAPATTINAM

03

NAGAPATTINAM

FRIDAY 11/07/2025

PUBLIC NOTICE

The public are informed that Environmental Clearance has been accorded by Ministry of Environment, Forest and Climate Change, IA Division (Indira Paryavaran Bhawan, Jorbagh Road, New Delhi-110003) vide File No.: IA-J-1101103/2025-IA-II dated 05/07/2025 for setting up of a Ethylene Di Chloride (EDC) Manufacturing Unit at Puducherry Industrial Promotion Development & Investment Corporation Limited (PIPDI), Industrial Growth Centre, Polagam Village, Karaikal Region, U.T. of Puducherry by M/s. Chemplast Sanmar Limited.

The copy of the Environmental Clearance is available with Puducherry Pollution Control Committee (PPCC) and may also be seen at the website of Ministry of Environment, Forest and Climate Change at <https://parivesh.nic.in>.

This notice is issued in accordance with the condition to be complied with by the project proponent as per the instructions of the Ministry of Environment, Forest and Climate Change, Government of India.

Chemplast Sanmar Limited
9, Cathedral Road,
Chennai-600086



Chemplast Sanmar Limited

CSL/KKL/EN/R-32&EDC/2025/MAR/430

07 MAR 2025

R-32 & EDC Project

Karaikal Plant:

Melavanjore Village T R Pattinam Panchayat

Nagore 611 002 India

Tel + 91 4365 256 475/ 476

E-mail: csl@sanmargroup.com

www.chemplastsanmar.com

CIN L24230TN1985PLC011637

The Deputy Conservator of Forests

Department of Forests and Wildlife

Government of Puducherry

Regional Office, Karaikal

Respected Sir/Madam,

Subject:

Proposal for Species Specific Conservation Plan for Schedule-I Species along with Budgetary Allocation for our Proposed Project at Plot No.: A-196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Puducherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam Village T.R. Pattinam Commune, Karaikal Region, Puducherry Union Territory of M/s. Chemplast Sanmar Limited

This has reference to above mentioned subject matter, we are submitting herewith Species Specific Conversion Plan for Schedule-I species along with Budgetary Allocation for our Proposed Project site located at Plot No.: A-196, B-57, C-10, C-11, C-21, C-22, G-2, G-8, G-9, G-10 & G-11, Puducherry Industrial Promotion Development and Investment Corporation Limited (PIPDIC), Industrial Growth Centre, Polagam Village T.R. Pattinam Commune, Karaikal Region, Puducherry Union Territory of M/s. Chemplast Sanmar Limited.

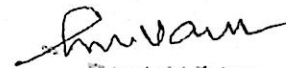
We request you to kindly approve our Proposal for our Project. Thanking you and assuring our best co-operation at all times.

For Chemplast Sanmar Limited


S.Mathivanan

Senior Vice President – Operations

Enclosure: As mentioned above



DESPATCH

Department of Forests and Wildlife

Karaikal

Department of Forests:

Karaikal

Regd Office: 9 Cathedral Road Chennai 600 086 India





CONSENT TO ESTABLISH

Ref. :No. (518221) / (2025)

Date:03/11/2025

Sub :Puducherry Pollution Control Committee - CHEMPLAST SANMAR LIMITED - R32 DIVISION - Consent to Establish under Section 25 / 26 of The Water (Prevention and Control of Pollution) Act, 1974, as amended -Reg.

Ref : 518221 Dated 17/06/2025 of S Mathivanan

Consent to Establish is hereby granted under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended (hereinafter referred to as 'The Act') and the Rules and Orders made there under for discharge or continuation of discharge of sewage or trade effluent to

S Mathivanan ,Others ,CHEMPLAST SANMAR LIMITED - R32 DIVISION ,Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

CATEGORY: RED

SIZE:LARGE

LOCATION:Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

(hereinafter referred to as 'The Applicant') authorizing him/her/them to Proposed the industry / commercial establishment in the site mentioned below subject to following special and general conditions:

Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

Validity of Consent:

This Consent is valid for a period of 5 years to establish the unit under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended, subject to the Special and General conditions enclosed.

In case the applicant fails to establish the unit within a period of 5 years he shall apply for extension of consent in the prescribed application 4 months before expiry of this Consent.

The applicant shall apply for necessary Consent to Operate under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended, 4 month before commencement of trial production / operation.

NATARAJAN
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MEMBER SECRETARY

To
S Mathivanan/Others
CHEMPLAST SANMAR LIMITED - R32 DIVISION, Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

SPECIAL CONDITIONS

1. Notwithstanding anything contained in any other Act or Rules or Notifications this clearance is given from pollution angle only.

2. Details of Products and By-products manufactured:

S.No.	Description	Quantity	Unit
a	Main Products manufactured:		
1	Difluoromethane (R32)	40000	TPA
2	Ethylene Di Chloride (EDC)	75400	TPA
3	Anhydrous Hydrofluoric acid(AHF)	40000	TPA
4	Hydrochloric acid (HCl) – 30 to 31%	181250	TPA
5	Sulphuric Acid (98%)	89600	TPA
6	Oleum (20%)	21500	TPA
b.	By-Product		
1	Dilute Sulphuric acid	4000	TPA
2	Dilute Hydrofluoric acid	400	TPA
3	Anhydrite (Calcium Sulphate)	150000	TPA
4	Hydrofluorosilicic acid (15%)	8000	TPA

3. Details of Water Consumption:

Water Requirement for	Quantity in KLD	Water Source
Process	680.0	Desalination
Cooling	1003.0	Desalination + ETP recycled water
Boiler	295.0	Desalination
Floor and Vessel Washing	50.0	Desalination Plant
Domestic Use	20.0	Desalination
Garden	96.0	Desalination Plant + STP recycled water

4. The applicant shall have the following outlets with maximum discharge quantities and disposal point as specified in the table for discharge of sewage / trade effluent. Any change in the outlets has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
1	Sewage	16.0	STP followed by land discharge
2	Trade Effluent	600.0	ETP and recycled back to cooling

5. The applicant shall provide comprehensive effluent treatment plant consisting of Primary/ Secondary and/or Tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards before disposal (If applicable).

S.No	Name	Concentration Standard	Mass standard (if applicable)
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6. The applicant shall provide, comprehensive sewage treatment plant as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated waste water to the following standards before disposal (If applicable):

S.No	Name	Concentration Standard	Mass standard to be complied (if applicable)
1	pH	5.5-9	
2	Suspended Solids (mg/l)	20 mg/l	
3	BOD, 3 days, 27 deg.C	10 mg/l	
4	Oil & Grease	10 mg/l	
5	Fecal Coliform(FC)	Desirable - 100 MPN/100 ml, Permissible - 230 MPN/100 ml	

7. The details of STP / ETP to be provided is as follows:

S.No.	Treatment unit name	No. of unit	Dimension (in meter)
Sewage Treatment Plant Capacity : 20 KLD			
1	Sewage Treatment Plant	1	As per Standard
Effluent Treatment Plant Capacity: 600 KLD			
1	ETP	1	As per Standard

8. The treated waste water shall be reused within the unit for gardening, toilet flushing and industrial use to the maximum extent possible.
9. The ETP/STP units shall be impervious to prevent ground water pollution.
10. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The applicant shall maintain good house keeping both within the factory and in the premises. All pipe valves, sewers, and drains shall be leak proof.
11. The chemical sludge from the ETP shall be properly collected, stored in the HDPE barrel and properly disposed off through authorized person.
12. There shall be no perceptible odour outside the industry's premises.
13. The unit shall provide digital flow meter to the inlet and outlet of the treatment plant and proper records shall be maintained in log book.
14. Separate energy meter shall be provided for the ETP / STP and proper records shall be maintained in log book.
15. The unit shall provide an alternate power source along with separate energy meter for the Effluent Treatment Plant / Sewage Treatment Plant to ensure continuous operation of the Treatment Plant.
16. The applicant shall measure and record the water consumption by fixing up water meter at such places as may be prescribed and shall furnish Water Cess Returns in Form I on or before 5th of every calendar month under the provisions of Water (Prevention and Control of Pollution) Cess Rules, 1978, if applicable.
17. The applicant shall submit the Environmental Statement in Form V before 30th September every year as per the Rule No.14 of the E(P) Rules, 1986 & Amendments.
18. Specific Conditions:
 1. The unit shall strictly comply with all the conditions stipulated in the Environmental Clearance granted by MoEF&CC for Ethylene Dichloride (EDC) vide File No. IA-J-11011/37/2025-IA-II dated 05.07.2025, and for Difluoromethane (R-32) vide File No. IA-J-11011/21/2025-IA-II(I) dated 18.06.2025.
 2. The unit shall meet the entire water requirement from the proposed 6 MLD captive desalination plant; no groundwater extraction is permitted.
 3. Water requirement for the unit shall be total of 2144 KL/day (Fresh – 1528 KL/day + Recycled Water – 616 KL/day).

4. The unit shall maintain Zero Liquid Discharge (ZLD) system ensuring that the entire quantity of treated effluent from the 600 KLD Effluent Treatment Plant (ETP) is recovered and reused within the facility, with no discharge into any external environment.
5. For continuous online monitoring of effluent, the unit shall install flow meters and web cameras with night vision capability at critical locations including the ETP inlet, outlet, and treated effluent reuse points. The monitoring system shall be integrated with the PPCC monitoring portal for real-time data access.
6. The unit shall install water meters at all critical consumption and supply points, including the desalination plant inlet and outlet, process water lines, cooling systems, domestic use points, treated water recycling lines, etc. The meters shall be maintained in good working condition, and water consumption data shall be recorded and made available for inspection by the PPCC.
7. Trade effluent generated shall be treated in ETP (600 KLD capacity) with Zero Liquid Discharge concept having RO and Multiple Effect Evaporator (MEE) and treated water shall be recycled back to cooling water and process reuse.
8. Sewage generated shall be treated in STP of 20 KLD capacity and discharged on land for gardening within premises.
9. Hazardous waste like used oil, residue containing oil, Empty liner/bags, ETP sludge, Process residue, Spent catalyst (oxy chlorination+ Sulphuric acid plant), Sulphur sludge shall be disposed through authorized re-processor / pre-processor / operator of hazardous waste disposal facility. The unit shall obtain authorisation under the Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016.
10. All chemical storage tanks shall be provided with impervious dyke walls of adequate capacity to contain the entire volume of the largest tank within the dyke area. The dyke floor shall be properly lined and maintained leakproof to prevent any seepage or contamination of soil and groundwater.
11. The unit shall provide a well-designed storm water drainage system to ensure unobstructed flow of rainwater and to prevent any mixing of storm water with process effluents, domestic sewage, or contaminated runoff. Storm water drains shall be clearly demarcated, lined and maintained regularly to avoid clogging.

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Member Secretary

GENERAL CONDITIONS

1. Notwithstanding anything contained in this No-Objection Certificate from Pollution Angle, the Puducherry Pollution Control Committee hereby reserves its right and power under Section 27 (2)

of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 (4) of the Air (Prevention and Control of Pollution) Act, 1981 to Review / Revoke any or all the conditions imposed herein and to cancel, refuse, modify or stipulate additional conditions for the purpose of the Act by the Committee, if conditions of the consent granted are not fulfilled.

2. The applicant shall not undertake any expansion, modernization, diversification, change of location, change of process, change of products etc., without the prior approval / clearance from this authority.

3. This consent should not be considered as exemption from obtaining necessary NOC/ permission from any other Government authorities.

4. In case of change in the project profile, change in stack or altered discharge outlet the unit shall inform PPCC and obtain necessary consent amendment or fresh Consent to establish as applicable shall be obtained.

5. The unit shall comply with Solid Waste Management Rules, 2016. The Bio-degradable Solid Waste generated shall be properly collected, segregated and disposed through composting or Biomethanation within the premises.

6. The Non-Bio-degradable Solid Waste shall be handed over to the concerned Municipality / Commune Panchayats. Dumping the same on land or in any water bodies is strictly prohibited.

7. The unit shall comply with the provisions of Plastic waste Management Rules, 2022 in case of applicability of Extended Producer Responsibility as Brand Owner. The Plastic Waste generated shall be segregated and shall be disposed through authorized recyclers only.

8. The Project Proponent shall not use any items prohibited under the Notification on Ban of Single Use Plastics, vide G.O. Ms. No. 18/Envvt./2019, Puducherry dated 30th July, 2019 and Plastic Waste Management (2nd Amendment) Rules, 2022, notified by MoEF&CC, GoI., failing which, enforcement action, as deemed fit, will be initiated, as per the provisions of the Environment (Protection) Act, 1986, along with its amendments, from time to time.

9. The unit shall comply with the Battery Waste Management Rules, 2022 as applicable. It will be the responsibility of consumer, - (i) to discard Waste Battery separately from other waste streams especially from mixed waste, domestic waste streams; (ii) to ensure that Waste Battery are disposed off in an environment friendly manner by giving it to an entity engaged in collection or refurbishment or recycling;

10. The unit shall comply with the E-Waste management rules, 2022. The unit shall dispose the Ewaste generated through authorised recyclers registered in CPCB EPR portal.

11. The unit shall not burn or dump any of the above waste within/ outside the premises.

12. The unit shall ensure occupational safety of all its workers involved in the process by providing appropriate and adequate personal protective equipment's.

13. The applicant shall take all possible measures to create pollution free surroundings. Housekeeping shall be maintained clean.

14. This Consent Order shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.

15. Puducherry Pollution Control Committee reserves the right to review impose additional conditions or conditions, revoke, change or alter the terms and conditions of this authorization.

16. All the conditions shall be enforced under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 and the Environment (Protection) Act, 1986, along with its amendments, from time to time.

17. Energy conservation measures like installation of energy efficient lighting systems, like LED's for lighting the areas inside and outside the building should be integral part of the design. Used CFL's/TFL's/LED's should be properly collected and disposed off / sent to for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination.

18. Appropriate rainwater harvesting structures shall be installed for maximising collection and reuse of rain water and / or recharge of ground water.

19. The unit shall declare itself as "Single Use Plastic Free campus" and maintain the same.

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Member Secretary



GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE

3rd Floor, Housing Board Complex, Anna Nagar, Puducherry - 605 005
Phone : (0413) 2201256 Fax : (0413) 2203494



CONSENT TO ESTABLISH

Ref. :No. (518221) / (2025)

Date:03/11/2025

Sub :Puducherry Pollution Control Committee - CHEMPLAST SANMAR LIMITED - R32 DIVISION - Consent to Establish under Section 21 of The Air (Prevention and Control of Pollution) Act, 1981, as amended - Reg.

Ref : 518221 dated 17/06/2025 of S Mathivanan

Consent to Establish is hereby **new** under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended (hereinafter referred to as 'The Act') and the Rules and Orders made there under for emission / continuation of emission to

S Mathivanan, Others, CHEMPLAST SANMAR LIMITED - R32 DIVISION, Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

CATEGORY : RED

SIZE :LARGE

LOCATION :Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

(hereinafter referred to as 'The Applicant') authorizing him/her/them to **Proposed** the industry / commercial establishment in the site mentioned below subject to following special and general conditions:

Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth centre, polagam (village), karaikal (district), puducherry u.t.

Validity of Consent:

This Consent is valid for a period of 5 years to establish the unit under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended, subject to the Special and General conditions enclosed.

In case the applicant fails to establish the unit within a period of 5 years he shall apply for extension

of consent in the prescribed application 4 months before expiry of this Consent.

The applicant shall apply for necessary Consent to Operate under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended, 4 month before commencement of trial production / operation. **4 month** before commencement of trial production / operation.

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MEMBER SECRETARY

To
S Mathivanan/Others
CHEMPLAST SANMAR LIMITED - R32 DIVISION
Plot no.: a-196, b-57, c-10, c-11, c-21, c-22, g-2, g-8, g-9, g-10 & g-11; pipdic, industrial growth
centre, polagam (village), karaikal (district), puducherry u.t.

SPECIAL CONDITIONS

1. Notwithstanding anything contained in any other Act or Rules or Notifications this clearance is given from pollution angle only.

2. Details of Products and By-products manufactured:

S.No.	Description	Quantity	Unit
a	Main Products manufactured:		
1	Difluoromethane (R32)	40000	TPA
2	Ethylene Di Chloride (EDC)	75400	TPA
3	Anhydrous Hydrofluoric acid(AHF)	40000	TPA
4	Hydrochloric acid (HCl) – 30 to 31%	181250	TPA
5	Sulphuric Acid (98%)	89600	TPA
6	Oleum (20%)	21500	TPA
b.	By-Product		
1	Dilute Sulphuric acid	4000	TPA
2	Dilute Hydrofluoric acid	400	TPA
3	Anhydrite (Calcium Sulphate)	150000	TPA
4	Hydrofluorosilicic acid (15%)	8000	TPA

3. The applicant shall erect the chimney(s)/stack(s) of the following specifications:

S.No.	Chimney / Stack attached to	Height of the stack in metre	Diameter, m	Volume Nm ³ /hr
1	Boiler No 1 (25 TPH)	40	1	40000
2	Boiler No 2 (25 TPH)	40	1	40000
3	Hydrogen Fluoride Reactor Heating Chamber of 50 Lakh Kcal/hr	35	0.8	45000
4	Fluorspar Dryer of 20 Lakh Kcal/hr	34	0.6	14000
5	Anhydrite Silo	35	0.6	250

6	Process emissions from HF Reactor and other tail gas emissions from the AHF plant	35	0.8	2000
7	Emissions from Difluoromethane (R32) – Defluorination column	35	0.8	1500
8	Emissions from Ethylene Dichloride (EDC) – Ethylene recycle	30	0.6	1500
9	EDC plant - Tail, purge gas & Distillation residue	30	0.8	1000
10	Sulphuric Acid Plant	30	0.6	750
11	Sulphuric Acid Plant	30	0.8	1500
12	2000 KVA D.G set No.1	30	0.2	500
13	2000 KVA D.G set No.2	30	0.2	500
14	2000 KVA D.G set No.3	30	0.2	500
15	2000 KVA D.G set No.4	30	0.2	500

4. The applicant shall install a comprehensive air pollution control system consisting of control equipment as detailed below and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

Chimney / Stack	Control Equipment	Relevant - parameters & standard limits
Boiler No1 (25 TPH)	Stack of 40 m	PM -100 mg/Nm ³ SO ₂ - 600 mg/Nm ³ NO _x -300 mg/Nm ³
Boiler No2 (25 TPH)	Stack of 40 m height	PM -100 mg/Nm ³ SO ₂ - 600 mg/Nm ³ NO _x -300 mg/Nm ³
Hydrogen Fluoride Reactor heating chamber of 50 Lakh Kcal/hr	Stack Height of 35 m	PM -100 mg/Nm ³ SO ₂ - 600 mg/Nm ³ NO _x -300 mg/Nm ³
Fluorspar Dryer of 20 Lakh Kcal/hr	Bag filter and stack height of 34 m	PM -100 mg/Nm ³ SO ₂ - 600 mg/Nm ³ NO _x -300 mg/Nm ³
Anhydrite Silo	Water scrubber + Stack Height of 35 m	HF- 4 mg/Nm ³

Process emissions from HF Reactor and other tail gas emissions from the AHF plant	Central absorption system 2 Stage scrubber (water + Caustic)+ stack height of 35 m	HF- 4 mg/Nm ³
Emissions from Difluoromethane (R32) – Defluorination column	Hcl absorber (Water + Caustic scrubber) + stack height of 35 m	Hcl - 35 mg/Nm ³ , HF- 4 mg/Nm ³
Emissions from Ethylene Dichloride (EDC) – Ethylene recycle	Oxy Vent Scrubber (caustic) + stack height of 30 m	Hcl - 35 mg/Nm ³
EDC plant - Tail, purge gas & Distillation residue	Incinerator + 2 stage water scrubber + stack height of 30 m	HF – 4 mg/Nm ³ , SO ₂ – 200 mg/Nm ³ , NO _x - 400 mg/Nm ³ HCl- 50 mg/Nm ³
Sulphuric acid plant	Caustic Scrubber + stack height of 30 m	SO ₂ - 950 mg/Nm ³ Acid Mist & SO ₃ – 50 mg/Nm ³
Sulphuric acid plant	Final Absorption tower + Stack Height of 30 m	SO ₂ - 950 mg/Nm ³ , Acid Mist & SO ₃ – 50 mg/Nm ³
2000 KVA D.G set No.1	Stack height od 20 m	NO _x (as NO ₂)-710 PPMv NMHC - 100 mg/Nm ³ PM -75 mg/Nm ³ CO – 150 mg/Nm ³
2000 KVA D.G set No.2	Stack height od 20 m	NO _x (as NO ₂)-710 PPMv NMHC - 100 mg/Nm ³ PM -75 mg/Nm ³ CO – 150 mg/Nm ³
2000 KVA D.G set No.3	Stack height od 20 m	NO _x (as NO ₂)-710 PPMv NMHC - 100 mg/Nm ³ PM -75 mg/Nm ³ CO – 150 mg/Nm ³
2000 KVA D.G set No.4	Stack height od 20 m	NO _x (as NO ₂)-710 PPMv NMHC - 100 mg/Nm ³ PM -75 mg/Nm ³ CO – 150 mg/Nm ³

5. The applicant shall observe the following fuel consumption:

S.No	Type of fuel	Maximum quantity /day
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6. The applicant shall provide ports in the chimney/stack and facilities such as ladder, platform etc. as per requirements for monitoring the air emissions and the same shall be open for inspection and use by the Board's staff. The chimney/stacks 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.

7. Interlocking shall be provided with the Process and Pollution Control Systems

8. Separate Energy Meters shall be installed for the Air Pollution Control Systems and proper records shall be maintained in the log book.

9. The proponent shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 and control the noise to the prescribed levels.

10. The industry shall take adequate measures for control of noise from its own source so as to

comply with the standards as may be applicable. Noise Level should not exceed .. dB (A) and. dB (A) during daytime and night times respectively.

11. DG Sets shall meet the noise and air emission standards prescribed under The Environment (Protection) Rules, 1986 and shall be provided with integral acoustic enclosure. The applicant shall comply with order of Hon,ble National Green Tribunal dated 11.05.2015 in Appeal No. 12(Tsc) of 2013, Original Application No. 17(THC) of 2013 and Original Application No. 32(THC) of 2013 and implement all conditions in the CPCB Guidelines for DG Set. The DG set which are 15 years old or completed 50,000 Hours of Operation shall not be used.

12. The unit shall provide minimum stack height (H) to the DG sets as per the formula $H = h + 0.2 \sqrt{KVA}$ where KVA= total generation capacity and h= Height of the building where DG set is installed.

13. The Industry shall take appropriate measures to ensure that the ground level concentration shall comply with revised National Ambient Air Quality Standards dated 16.11.2009 notified by MoEF&CC, GOI.

14. There shall not be any perceptible odour outside the industry's premises.

15. Any change in the emission source / process / Air Pollution Control System / fuel shall be brought to the notice of this Authority in writing and fresh consent has to be obtained, as required.

16. The unit shall submit the Environmental Statement in Form V before 30th September every year as per the Rule No.14 of the E(P) Rules, 1986 & Amendments.

17. Specific Conditions:

1. The unit shall strictly comply with all the conditions stipulated in the Environmental Clearance granted by MoEF&CC for Ethylene Dichloride (EDC) vide File No. IA-J-11011/37/2025-IA-II dated 05.07.2025, and for Difluoromethane (R-32) vide File No. IA-J-11011/21/2025-IA-II(I) dated 18.06.2025.

2. The unit shall install appropriate air pollution control devices to ensure compliance with the prescribed emission standards. Continuous Online Emission Monitoring Systems (CEMS) shall be installed and maintained, with real-time data transmission integrated with the PPCC monitoring portal.

3. The unit shall strictly implement all risk mitigation and safety measures as detailed in the approved Risk Assessment and Disaster Management Plan, including those related to chemical storage, process control, fire protection and occupational health.

4. The unit shall carry out an additional Risk Assessment study considering the potential domino effects of all accident scenarios outlined in the existing Risk Assessment Report. The updated report shall be submitted to the Puducherry Pollution Control Committee (PPCC) prior to the commencement of operations.

5. The unit shall implement the onsite/offsite emergency plan and conduct mock drills in accordance with the provisions of the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC)

Rules, 1989 and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, as amended from time to time.

6. Fuel used in the 2 Nos of Boilers shall be Natural Gas or LSHS only. Adequate stack height of 40 m above ground level shall be provided. The Quantity of fuel used shall not exceed 84000 m³/day for Natural Gas and 28.8 KL/Day for LSHS.

7. Fuel used in the 1 No of Hydrogen Fluoride Reactor Heating Chamber (50 Lakh Kcal/hr) shall be Natural Gas or LSHS only. Adequate stack height of 40 m above ground level shall be provided. The Quantity of fuel used shall not exceed 70000 m³/day for Natural Gas and 24 KL/Day for LSHS.

8. Fuel used in the 1 No of Fluorspar Dryer(20 Lakh Kcal/hr) shall be Natural Gas or LSHS only. Bag filter connected to stack height of 34 m above ground level shall be provided for air pollution control. The Quantity of fuel used shall not exceed 10500 m³/day for Natural Gas and 3.6 KL/Day for LSHS.

9. The quantity of fuel used in 4 Nos of 2000 KVA D.G Set shall be HSD only and the quantity of fuel used shall not exceed 400 lph. Stack height and emission standards for diesel engines (engine rating more than 0.8 mw (800 kw)) for power plant, generator set applications and other requirements stipulated under the Environment (Protection) Rules, 1986, as amended shall be strictly complied with.

10. Bag filters/dust collectors shall be provided in the loading, unloading and storage silos of Fluorspar and Anhydrite (calcium sulphate) for prevention of fugitive dust emissions and the materials shall be conveyed through closed conveying system to prevent dust generation.

11. Emissions from Anhydrite silo shall be connected to Anhydrite scrubber consisting of Water scrubber followed by stack height of 35 m above ground level with online analyser for HF.

12. Process emissions from HF Reactor and other tail gas emissions from the AHF plant shall be connected to Central absorption system consisting of 2 Stage scrubber (water followed by Caustic) followed by stack height of 35 m above ground level with online analyser for HF.

13. Emissions from Difluoromethane (R32) – Defluorination column shall be connected to Hcl absorber consisting of 2 Stage scrubber (water followed by Caustic) and let out through stack height of 35 m above ground level with online analyser for HF+HCl.

14. Emissions from Ethylene Dichloride (EDC) – Ethylene recycle shall be connected to Oxy Vent Scrubber consisting of caustic scrubbing and let out through stack height of 30 m above ground level with online analyser for HCl.

15. Tail gas, purge gas and distillation residue from the EDC plant shall be treated in Incinerator followed by 2 stage water scrubber with Adequate Stack Height of 30m + Online analyser for HF, SO₂, NO_x and HCl.

16. Emissions from Sulphuric acid plant shall be connected to Final absorption tower consisting of sulphuric acid scrubber and let out through stack height of 30 m above ground level with online

analyser for SO₂ & So₃.

17. Emissions from Sulphuric acid plant shall be connected to caustic scrubber and let out through stack height of 30 m above ground level with online analyser for SO₂ & SO₃.

18. The unit shall comply with the Public Liability Insurance Act, 1991.

19. Noise generated from the industry shall be mitigated appropriately and Noise Level at the boundary of the unit shall not exceed 75 dB (A) during day time and 70 dB (A) during night time.

20. The total power requirement of plant shall be 11 MW (Grid – 8 MW + 3 MW from waste heat recovery boiler in Sulphuric acid plant).

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Member Secretary

GENERAL CONDITIONS

1. Notwithstanding anything contained in this No-Objection Certificate from Pollution Angle, the Puducherry Pollution Control Committee hereby reserves its right and power under Section 27 (2) of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 (4) of the Air (Prevention and Control of Pollution) Act, 1981 to Review / Revoke any or all the conditions imposed herein and to cancel, refuse, modify or stipulate additional conditions for the purpose of the Act by the Committee, if conditions of the consent granted are not fulfilled.
2. The applicant shall not undertake any expansion, modernization, diversification, change of location, change of process, change of products etc., without the prior approval / clearance from this authority.
3. This consent should not be considered as exemption from obtaining necessary NOC/ permission from any other Government authorities.
4. In case of change in the project profile, change in stack or altered discharge outlet the unit shall inform PPCC and obtain necessary consent amendment or fresh Consent to establish as applicable shall be obtained.
5. The unit shall comply with Solid Waste Management Rules, 2016. The Bio-degradable Solid Waste generated shall be properly collected, segregated and disposed through composting or Biomethanation within the premises.
6. The Non-Bio-degradable Solid Waste shall be handed over to the concerned Municipality / Commune Panchayats. Dumping the same on land or in any water bodies is strictly prohibited.
7. The unit shall comply with the provisions of Plastic waste Management Rules, 2022 in case of applicability of Extended Producer Responsibility as Brand Owner. The Plastic Waste generated shall be segregated and shall be disposed through authorized recyclers only.
8. The Project Proponent shall not use any items prohibited under the Notification on Ban of Single Use Plastics, vide G.O. Ms. No. 18/Envvt./2019, Puducherry dated 30th July, 2019 and Plastic Waste Management (2nd Amendment) Rules, 2022, notified by MoEF&CC, GoI., failing which, enforcement action, as deemed fit, will be initiated, as per the provisions of the Environment (Protection) Act, 1986, along with its amendments, from time to time.
9. The unit shall comply with the Battery Waste Management Rules, 2022 as applicable. It will be the responsibility of consumer, - (i) to discard Waste Battery separately from other waste streams especially from mixed waste, domestic waste streams; (ii) to ensure that Waste Battery are disposed off in an environment friendly manner by giving it to an entity engaged in collection or refurbishment or recycling;
10. The unit shall comply with the E-Waste management rules, 2022. The unit shall dispose the Ewaste generated through authorised recyclers registered in CPCB EPR portal.
11. The unit shall not burn or dump any of the above waste within/ outside the premises.
12. The unit shall ensure occupational safety of all its workers involved in the process by providing appropriate and adequate personal protective equipment's.
13. The applicant shall take all possible measures to create pollution free surroundings. Housekeeping shall be maintained clean.
14. This Consent Order shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.
15. Puducherry Pollution Control Committee reserves the right to review impose additional conditions or conditions, revoke, change or alter the terms and conditions of this authorization.
16. All the conditions shall be enforced under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 and the Environment (Protection) Act, 1986, along with its amendments, from time to time.

17. Energy conservation measures like installation of energy efficient lighting systems, like LED's for lighting the areas inside and outside the building should be integral part of the design. Used CFL's/TFL's/LED's should be properly collected and disposed off / sent to for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination.
18. Appropriate rainwater harvesting structures shall be installed for maximising collection and reuse of rain water and / or recharge of ground water.
19. The unit shall declare itself as "Single Use Plastic Free campus" and maintain the same.

NATARAJAN RAMESH

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Member Secretary