

KOC/KKL/EN/MOEF&CC/2023/DEC/283

11 DEC 2023

M/s. Kem One Chemplast Private Limited

The Additional PCCF - Central  
Ministry of Environment, Forest and Climate Change  
Regional Office (South Eastern Zone)  
34, Cathedral Garden Road, HEPC Building  
Nungambakkam, Chennai – 600034

*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 of the Environmental Clearance (EC) given by Ministry of Environment, Forest and Climate Change (MoEF&CC) -reg.

Reference: MoEF&CC EC/File No.: J-11011/139/2016-IA.II(I) dated 02 MAY 2017

With references to the above mentioned subject, please find the enclosed compliance status report to the conditions contained in the MoEF&CC's EC "Setting up of Petrochemical based Processing Plant at Survey No.: 27, Melavanjore, T.R. Pattinam, Karaikal, Puducherry U.T. by M/s. Kem One Chemplast Private Limited" for the period from APRIL 2023 to SEPTEMBER 2023.

We have not commenced the project implementation activity which are mentioned in the Environmental Clearance. We would submit the detailed Compliance Status Report once the project activities (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

3<sup>rd</sup> Floor, PHB Building, Anna Nagar

Puducherry - 605005



Regd Office: 9 Cathedral Road Chennai 600 086 India

## COMPLIANCE STATUS

Subject/Proposal name:

Setting up of Petrochemical based Processing Plant at Survey No.: 27, Melavanjore, T.R. Pattinam, Karaikal, Puducherry U.T. by M/s. Kem One Chemplast Private Limited

Reference:

Online Proposal No.: IA/PY/IND2/53469/2016 dated 09 JAN 2017 and Environmental Clearance/File No.: J-11011/139/2016-IA.II(I) dated 02 MAY 2017

### PRESENT STATUS OF THE PROJECT

The said project namely 'Setting up of Petrochemical based Processing Plant at Survey No.: 27, Melavanjore, T.R. Pattinam, Karaikal, Puducherry U.T. by M/s. Kem One Chemplast Private Limited' is in Detailed Engineering phase and not in operation

Conditions and Environmental Safeguards:

| #             | Conditions description  | Compliance status  |
|---------------|---|--|
| 9.0<br>A<br>i | <u>Specific conditions:</u><br>All pollution control and monitoring equipments shall be installed, tested and interlocked with the process. SPCB shall grant 'Consent to Operate' after ensuring that all the mentioned pollution control equipments, construction of storm water drain, rain water harvesting structure, Greenbelt, uploading of compliance report on the website etc have been implemented  | Agree to comply.<br>All pollution control and monitoring equipments will be installed, tested and interlocked with the process   |
| ii            | Process emission i.e. HCL and Chlorine shall be absorbed by water and Chlorine shall be scrubbed out by Alkaline scrubber. To control particulate matter, bag filter shall be installed at various process operation of PVC and CPVC  | Agree to comply.<br>Air Pollution Control Devices (like scrubbers, bag filters etc) will be installed at various process operation of PVC and CPVC   |
| iii           | The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines   | Agree to comply.<br>The gaseous emissions will be dispersed through stack of adequate height as per CPCB/Puducherry Pollution Control Committee (PPCC) guidelines  |
| iv            | Ambient air quality data shall be collected as per NAAQS standards notified by the Ministry vide G.S.R. No. 826 (E) dated 16 <sup>th</sup> September, 2009. The levels of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>x</sub> , VOC and CO shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board (MPCB) | Agree to comply.<br>-Ambient air quality data will be monitored & collected as per NAAQS standards notified by the Ministry<br>-Monitored Data will be displayed at the main gate of the company<br>-The results of the monitored data will be uploaded in our Company website and the same will be updated by semi-annual basis<br>-Data will also be sent to the Regional office of MoEF & CC, the respective Zonal office of CPCB and PPCC by semi-annual |



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|      |   | basis  |
| v    | The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution   | Agree to comply.<br>Gaseous emissions from DG set will be dispersed through adequate stack as per CPCB standards. Acoustic enclosure will also be provided to the DG sets to mitigate the noise pollution  |
| vi   | Total water requirement from nearby desalination plant of M/s Chemplast Sanmar Limited shall not exceed 503 m <sup>3</sup> /day and prior permission shall be obtained from the Competent Authority. No ground water shall be used without permission | Agree to comply.<br>Total water requirement of 503 m <sup>3</sup> /day will be met from the Desalination Plant of M/s. Chemplast Sanmar Limited and no ground water will be used without permission  |
| vii  | Industrial wastewater shall be sent to M/s Chemplast Sanmar Limited for further treatment. Domestic wastewater shall be treated in the STP and after treatment it shall be used for gardening   | Agree to comply.<br>Industrial wastewater will be sent to M/s. Chemplast Sanmar Limited for further treatment at ETP & usage in the process. Sewage generated will be sent to STP for treatment and treated water will be used for Gardening within the premises |
| viii | Automatic/online monitoring system (24x7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and on the Company's website                  | Agree to comply.<br>Online monitoring system for flow measurement and relevant pollutants in the treatment system will be installed. The data will be uploaded in PPCC servers and in our Company website on monthly basis                                       |
| ix   | Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond  | Agree to comply.<br>Storm water gutters and drains will be designed in such a way, it will not mix with process effluent/any waste water and hence there is no requirement of Guard pond   |
| x    | Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps  | Agree to comply.<br>Hazardous chemicals will be stored in tanks, tank farms, drums, carboys etc. Flame arresters will be provided on tank farm. Solvent transfer will be done only by pumps  |
| xi   | The by-products which fall under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules  | Agree to comply  |
| xii  | As proposed, ETP sludge, CPVC Crusts and Fused UV lamps will be disposal at approved TSDF Site operated by Ramky at Gummidipondi, TN. Used/waste Oil will be sold to registered recycler  | Agree to comply.<br>ETP sludge, CPVC Crusts and Fused UV lamps will be disposed to approved TSDF and Used Oil will be sold to registered recycler  |
| xiii | The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous and Other Wastes (Management and Trans-boundary Movement)  | Agree to comply.<br>Authorization & prior permission from PPCC will be obtained for collection, storage and disposal of hazardous waste  |



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|       | Rules, 2016 and amended as on date for management of Hazardous wastes and prior permission from MPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire-fighting facilities in case of emergency   | under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and amended as on date for management of Hazardous wastes and prior permission from PPCC will be obtained for disposal of solid/hazardous waste in the TSDF. Required fire-fighting facilities will be implemented to take care in case of emergency |
| xiv   | The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989   | Agree to comply with the rules/guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the Motor Vehicle Act (MVA), 1989 (as amended time to time)   |
| xv    | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms   | Agree to comply.<br>Fire fighting system will be installed as per the norms  |
| xvi   | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act  | Agree to comply.<br>Occupational health surveillance of the workers will be done on a regular basis and records will be maintained at OHC  |
| xvii  | An Environment Cell will be set up with One Environmental Manager having post graduate qualification in environmental sciences/ Environmental engineering   | Agree to comply.<br>Dedicated Environment Cell with qualified personnel will be established  |
| xviii | At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner | Agree to comply  |
| xix   | As proposed, green belt over 7,900.0 m <sup>2</sup> shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO                  | Agree to comply.<br>Adequate Green belt will be developed within the plant premises & on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species will be as per the CPCB guidelines in consultation with the DFO  |
| B     | <u>General conditions:</u>  |  |
| i     | The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and any other statutory authority   | Agree to comply with the stipulations made by all statutory authorities  |
| ii    | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from  | Agree to comply  |



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|      | those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any   |  |
| iii  | The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated   | Agree to comply.<br>The locations of ambient air quality monitoring stations will be decided in consultation with the PPCC and it will be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated |
| iv   | The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 shall be followed   | Agree to comply  |
| v    | 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time) | Agree to comply  |
| vi   | The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water  | Agree to comply  |
| vii  | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted   | Agree to comply  |
| viii | The company shall also 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, risk mitigation measures and public hearing relating to the project shall be implemented   | Agree to comply  |
| ix   | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration  | Agree to comply. CSR activities will be undertaken by involving local villages & administration as per the CSR procedure established by the company  |
| x    | 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  |



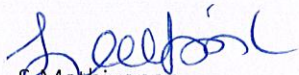
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| xi   | A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions  | Agree to comply. A separate Environmental Management Cell equipped with full fledged laboratory facilities will be established to carry out the Environmental management and monitoring functions                                  |
| xii  | The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests 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  |
| xiii | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal  | Complied.<br>A copy of Environmental Clearance letter was sent to T. R. Pattinam Commune Panchayat on 15 MAY 2017 via Letter No.: KOC/MoEF/2017-18/02<br><i>-Copy of the letter attached as Annexure 1</i>                         |
| xiv  | 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, 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   | Agree to comply  |
| xv   | The environmental statement for each financial year ending 31 <sup>st</sup> 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 by e-mail   | Agree to comply  |
| xvi  | 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 at <a href="http://moef.nic.in">http://moef.nic.in</a> . 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.<br>Information provided to the public that we have been accorded Environmental Clearance by the Ministry through advertisement in local newspapers.<br><i>-Copy of the newspaper publications attached as Annexure 2</i> |
| xvii | The project authorities shall inform the Regional   | Agree to comply  |



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|------|--|-------|
|      | 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  |       |
| 10.0 | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory   | Noted |
| 11.0 | The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions   | Noted |
| 12.0 | The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules | Noted |

Thanking you,

Yours faithfully,  
For Chemplast Sanmar Limited,

  
S. Mathivanan,

Senior Vice President – Operations



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## KEM ONE CHEMPLAST PRIVATE LIMITED

KOC/MoEF/2017-18/02  
15-May-2017

To

The Commissioner  
T. R. Pattinam Commune Panchayat  
T.R.Pattinam.

Sir,

Sub: Environmental Clearance for proposed CPVC Project from MoEF& CC-Reg  
Ref: Order No.F.No. J-11011/139/2016-IA.II (I) dated 02.05.2017

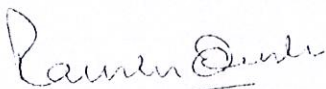
We wish to inform you that, we have obtained the Environmental Clearance from MoEF& CC for our proposed CPVC Project. As per the General Conditions of Environmental Clearance (serial no xiii), we have to submit a Copy of the Environmental Clearance to concerned Panchayat.

Please find enclosed a copy of the Environmental Clearance for the CPVC project for your ready reference

Kindly acknowledge the receipt.

Thanking and assuring our best co operation at all times.

Yours faithfully,  
for Kem One Chemplast Private Limited,



Ramkumar Shankar  
Director

Kem One Chemplast Private Limited,  
9, Cathedral Road, Chennai - 600 086  
Phone No.:044-28128500  
E-mail:rksl@sanmargroup.com

Regd. Office: 9 Cathedral Road, Chennai 600 086  
CIN:U24296TN2015PTC103022  
Phone :044-28128500 Fax No.044-28122627  
E-mail : mr1@sanmargroup.com

Received  
16.5.17





## பொது அறிவிப்பு

மேலவாஞ்சூர், திருமலை ராயன் பட்டினம் கொம்பூன் RS27ல் CPVC தொழிற்சாலை கட்டுவதற்காக கெம் ஒன் கெம்ப்ளாஸ்ட் பிரைவேட் லிமிடெட் நிறுவனத்திற்கு, சுற்றுச்சூழல், வன மற்றும் பருவநிலை மாற்றம் அமைச்சகம், I.A., பிரிவு இந்திரா பர்வாவரன் பவன், அலிகன்ஜ் ஜோர் பாக் சாலை, புது டெல்லி - 110 003 அதனது 02.05.2017 தேதியிட்ட கடிதம் எண். J-11011/139/2016-I.A-II (1) ன் படி அனுமதி அளித்துள்ளது. மேற்கண்ட கடிதத்தின் நகல்கள் புதுச்சேரி மாக கட்டுப்பாட்டு குழுமத்தினும் மற்றும் சுற்றுச்சூழல், வன மற்றும் பருவ நிலை மாற்றம் அமைச்சகத்தின் <http://www.environmentalclearance.nic.in> என்ற இணைய தளத்திலும் உள்ளது.

இந்த பொது அறிவிப்பு சுற்று சூழல், வன மற்றும் பருவ நிலை மாற்றம் அமைச்சகத்தின் நிபந்தனையின் படி திட்டத்தை பிரேரேமிக்கிறவரால் கொடுக்கப்படுகிறது.

கெம் ஒன் கெம் ப்ளாஸ்ட் பிரைவேட் லிமிடெட்

9, கதீட்ரஸ் சாலை, சென்னை - 600 086

## **PUBLIC NOTICE**

The public are informed that Environmental Clearance has been accorded by Ministry of Environment, Forest and Climate Change (MoEF & CC) I.A. Division, Indira Paryavaran Bhavan, Allganj, Jor Bagh Road, New Delhi - 110003, vide their letter number J - 11011/139/2016 - I.A.II (I) dated 02.05.17 for setting up of a CPVC plant at RS.27, Melavanjore, T.R.Pattinam, Karaikal, Puducherry - 611002 by Kem One Chemplast Private Limited.

The copy of the Environmental Clearance is available with Puducherry Pollution Control Committee and may also be seen at the website of Ministry of Environment, Forest and Climate Change at : <http://www.environmentalclearance.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.

**Kem One Chemplast Private Limited**  
**9, Cathedral Road, Chennai - 600086.**