

Background of the project

M/s. Aypols Polymers Private Limited is a resin manufacturing unit in the SIPCOT Industrial Growth Centre of Perundurai situated approximately 50 kms from Coimbatore City and 3 Km from the Perundurai town. The unit involves the production of all kinds of unsaturated and saturated polyester resins by blending for 1,000 TPM. They had proposed to produce the base resin within the existing facility by chemical process / reactors for the quantum of 3,000 TPM for which Environmental Clearance was obtained from the SEIAA-TN vide Letter No. SEIAA/TN/F.6506/5(f)/EC-65/2018 dated: 30.11.2018.

The project proponent has obtained Consent to Establishment (CTE) from Tamil Nadu Pollution Control Board (TNPCB) during November 2017 for the establishment of unit for production of resins by blending process. The unit came in to operation by obtaining Consent to Operate (CTO) from Tamil Nadu Pollution Control Board (TNPCB) during February 2018.

The present study is the proposed expansion of resin manufacturing unit facility and production quantity. The unit involves the expansion of plant facility by installation of reactors and boilers and increase production quantity from 1000 TPM to 3000 TPM in the land extent of 2.5 Acres at Plot No. B-12, SIPCOT Industrial Growth Centre, Perundurai.

The status of compliance on the stipulated conditions contained in the EC cited above is given below.

Project: SEIAA-TN – Environmental Clearance - Proposed expansion of resin manufacturing unit from capacity of 1,000 TPM to 3,000 TPM at S.F. No. 185(pt) & 186(pt), Plot No. B-12, SIPCOT Industrial Growth Centre, Perundurai Village and Taluk, Erode District, Tamil Nadu under category B1 and schedule 5(f) – Synthetic organic Chemicals Industry (Dyes & Dye Intermediates; Bulk) by M/s. Aypols Polymers Private Limited.

EC Letter No.: SEIAA/TN/F.6506/5(f)/EC- 65/2018 dated: 30.11.2018.

Sl. No	Conditions	Compliance
A	Specific Conditions	
i.	It is mandatory for the project proponent to furnish to the SEIAA, Half-yearly compliance report in hard and soft copies on 1 st June and 1 st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.	We are submitting the Half Yearly compliance report to SEIAA in hard and soft copies on 1 st June and 1 st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.
ii.	"Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project construction activity at the site.	Consent to Establishment was obtained from the TNPCB and a copy of the same was submitted to the SEIAA-TN before start of project construction activity at the site.
iii.	The implementation of Environmental Management Plan in regard to treatment and disposal of sewage & Effluent, Solid Waste Management, Hazardous – Waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases.	We have installed the ETP for the treatment of effluent, agreement was executed between TNPCB for disposal of hazardous waste. Thus, Environmental Management Plan in regard to treatment and disposal of sewage & effluent, solid waste management, hazardous waste management are implemented. CSR activities will be carried out as proposed and committed. Regular monitoring is being carried out during operation phases.
iv.	The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection.	The residue collected from the evaporator is being documented by maintaining proper register and it will be made available at the time of inspection.

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v.	Adequate dust extraction system such as Ducting with dust extracting arrangement wherever required shall be established to achieve Occupational-health standards and ambient air quality standards.	Adequate dust extraction system such as cyclone separator was installed in the coal handling area to achieve Occupational health standards and ambient air quality standards.
vi.	The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of raw materials and products inside the unit premises.	Daily cleaning of floor space in the raw material and product storage area is being carried out. Best housekeeping practices are carried out in the unit premises.
vii.	Nature of chemicals Handled, the Do's and Don'ts shall be displayed at all vital locations as laid down in MSDS.	We have provided the nature of chemicals, the Do's and Don'ts of all chemicals handled in the display boards within the project site.
viii.	The proponent shall ensure that the quantity of Hazardous Waste handed over to the TSDF shall match with the quantity generated.	The hazardous waste handed over to the TSDF are noted down and the manifest is being maintained which match with the quantity generated.
ix.	The proponent shall provide a separate closed area earmarked for storing solid waste including Hazardous Waste as proposed.	The hazardous and non-hazardous solid wastes are stored at designated storage areas within the project site.
x.	The proponent shall dispose Hazardous Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers.	Hazardous waste generated within the project site is being disposed as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from DG sets are stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers.
xi.	The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016.	Plastic wastes are segregated and disposed as per the provisions of plastic Waste (Management & Handling) Rules 2016.
xii.	The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per e waste (Management & Handling), Rules 2016 as amended.	The E-Wastes are collected and stored in a common area. The same is being disposed to a nearby authorized waste centre as per E-Waste Management & Handling), Rules 2016 as amended.
xiii.	The Municipal solid waste shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.	The municipal solid waste generated from the project site are managed and disposed as per Solid Waste Management Rules, 2016.
xiv.	The industry shall conduct air sampling	We are conducting the air sampling once

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	at least once in six months for the general core parameters (PM ₁₀ , PM _{2.5} , SO _x , NO _x) through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection.	in three months for general core parameters (PM, Sox, Nox) through NABL Accredited Laboratory and maintaining the records of the same and it is made available at the time of inspection.
xv.	Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.	We are carrying out regular monitoring for air, water and noise quality in and around the project site as mentioned in the EMP report and the records of the same are maintained properly.
xvi.	A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.	A separate environment and safety management cell with qualified staff (plant engineer and safety engineer) was created before expansion activity and the same will be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.
xvii.	The Green belt area already developed within the project area shall be properly maintained at any time the Green belt area should not be less than 33%.	We have provided 33% of the total land area for greenbelt development and adequate width of greenbelt are maintained along the plant periphery.
xviii.	The industry shall promote tree plantation to neutralize their carbon foot print. The industry shall engage regularly in afforestation programme.	We have planted trees in the common area of SIPCOT and maintaining the same to neutralize their carbon foot print.
xix.	The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage.	We are ensuring the effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage.
xx.	The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under Environment Protection Act 1986.	We are conducting ambient air quality through NABL accredited laboratory as stipulated under Environmental Protection Act 1986.
xxi.	Risk cum disaster management plan should be in place in the industry premises at all time.	Risk cum disaster management plan are in place in the industry premises at all time.
xxii.	Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and	Water conservation scheme is implemented in the operation to reduce water consumption. Adequate rainwater harvesting measures are provided to

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	reuse the entire rainwater harvested as a supplement to fresh water.	augment ground water and for collection and reuse.
xxiii.	The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.	The natural drainage pattern in the project area are being maintained and storm water drain along the boundary and appropriate places are provided considering the catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.
xxiv.	The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Honb'le High Court of Madras.	Noted and agreed.
xxv.	The proponent shall comply the CER activity as per the MoEF & CC O.M dated 01.05.2018 before applying for CTO of TNPCB.	We have complied the CER activity as per the MoEF & CC O.M dated 01.05.2018 before applying for CTO of TNPCB.
xxvi.	All the assurances given in EIA and EMP shall be adhered to strictly.	We ensure to strictly adhere to the assurances given in EIA and EMP.
xxvii.	Detail study shall be carried out by engaging accredited agencies / reputed institutions for Risk management and detailed Disaster management plan prepared for compliance.	Detailed study was carried out by engaging independent expert for Risk management and detailed Disaster management plan was prepared for compliance.
xxviii.	Sufficient funds should be provided for Disaster management.	We have provided sufficient funds for disaster management.
xxix.	The project proponent shall provide sufficient ventilation (air circulation) in the hazardous waste storage yard where the hazardous waste like spent carbon, Chemical sludge, used or spent oil are being kept.	The hazardous waste storage area is properly ventilated with racked type roofing for free air circulation.
xxx.	The Project Proponent shall carry out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting.	We agree to conduct internal environmental audit every year and third-party environmental audit for every 3 years.
xxxi.	The Project Proponent shall prepare a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned	We have prepared a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned experts.

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	experts.	
xxxii.	As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.	The plant is being operated with man power of 18 nos. and we have made the agreement with the nearby hospital facility as part of occupational health surveillance (OHS) for ensuring the health standard of persons employed.
xxxiii.	The proponent shall operate the APC measures efficient and continuously so as to achieve the standards prescribed by CPCB.	We are continuously operating the APC measures efficiently and the parameters are within the standards prescribed by CPCB.
xxxiv.	The proponent shall operate the ETP efficient and continuously. The treated effluent of 9KLD shall be utilized for gardening after achieve the quality of treated effluent standards prescribe the CPCB.	We are continuously operating the ETP efficiently and the treated effluent of 9KLD is being utilized for gardening after achieving the quality of treated effluent standards prescribed by CPCB.
xxxv.	The EMP cost of Rs.55.92 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	The EMP cost of Rs. 55.92 Lakhs was deposited in a nationalized bank by opening separate account and the head wise expenses statement will be submitted to TNPCB with a copy to SEIAA annually.
xxxvi.	There should be no threat to Bio diversity due to the operation of the industry.	The industrial operation is not causing any impact to the biodiversity of the surrounding area.
xxxvii.	The flora & fauna present in and around the project site should be get affected due to the activity as reported.	No impact is caused to the flora & fauna surrounding the project site.
xxxviii.	The Project Proponent has to provide rain water harvesting collection tank to the capacity of 25cu.m in order to recover and reuse the rain water during normal rains.	We have provided a rain water harvesting collection tank to the capacity of 25cu.m in order to recover and reuse the rain water during normal rains.
xxxix.	For rain water harvesting, the roof top rainwater should be harvested and stored in a sump for reuse after proper treatment. The design should be made as per the CPWD manual. The runoff from the paved surfaces within the industry buildings should be carefully collected and sent to ETP.	The roof top rainwater is harvested by providing the sump for storage and reuse. The runoff from the paved surfaces within the industry buildings are carefully collected by providing peripheral drains which has its outfall into the external storm water drain.

Sl. No	Conditions	Compliance										
xl.	The operation of the activity should not impact on the soil, micro flora & Fauna present in and around the project site.	The industrial operation is not causing any impact to the soil, micro flora & Fauna present in and around the project site.										
xli.	The project proponent shall carry out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones should be present.	We have carried out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones are prepared.										
xlii.	Green belt for 33% of the plot area should be developed and maintained with indigenous species of trees listed below:	We have developed greenbelt for about 33% of the plot area and maintained with indigenous species of trees listed below. <table><tr><td>Pongamia glabra</td><td>Pungan</td></tr><tr><td>Thespesia populnea</td><td>Poovarasu</td></tr><tr><td>Syzygium cumini</td><td>Naval</td></tr><tr><td>Madhuca longifolia</td><td>Ilippai</td></tr><tr><td>Mimusops elengi</td><td>Magilam</td></tr></table>	Pongamia glabra	Pungan	Thespesia populnea	Poovarasu	Syzygium cumini	Naval	Madhuca longifolia	Ilippai	Mimusops elengi	Magilam
	Pongamia glabra		Pungan									
	Thespesia populnea		Poovarasu									
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	Madhuca longifolia		Ilippai									
	Mimusops elengi		Magilam									
	Pongamia glabra		Pungan									
	Thespesia populnea		Poovarasu									
	Ficus religiosa		Arasu									
	Azadirachta indica		Vembu									
Terminalia arjuna	Neermarudhu											
Michelia champaka	Chenbagam											
Syzygium cumini	Naval											
Madhuca longifolia	Ilippai											
Mimusops elengi	Magilam											
xlili.	For CER, 2% of the profit should be utilised every year for infrastructure such as buildings, water supply, toilets, sports facilities, for govt. Schools in the nearby locality.	We are utilizing 2% of the profit fund for CER activities every year for infrastructure such as buildings, water supply, toilets, sports facilities, for Government Schools in the nearby locality.										
xliv.	The project proponent shall take up better housekeeping measures including scraps disposal and up keeping the machineries, pipes, etc.	Proper housekeeping is maintained within the project site in all locations.										
xlvi.	The project proponent has to strictly comply with the commitment made in the EIA report.	We are strictly complying with all the commitments made in the EIA report.										
xlvi.	The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.	We are monitoring the VOC in regular intervals and maintaining the VOC levels within permissible limits.										

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xlvi.	The project proponent has to install VOC monitoring sensor in the processing area and bi-annual report of VOC monitoring shall be submitted to TNPCB.	We have installed VOC monitoring sensors in the processing area and the bi-annual report of VOC monitoring is being submitted to TNPCB regularly.
B	General Conditions	
i.	This Environmental Clearance shall not be cited to relax any other rules applicable to this project.	Noted and agreed the same.
ii.	The Project Proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environmental Clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB.	We have published the details of Environmental Clearance in Dhina Thanthi (Tamil) on 19.12.2018 & The New Indian Express (English) on 19.12.2018.
iii.	A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions /representatives, if any were received while processing the proposal.	We have sent a copy of our Environmental Clearance to the local body.
iv.	The Environmental Clearance shall also be put on the website of the company.	We have uploaded the copy of EC in website.
v.	No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	No expansion or modernization in the project will be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted for clearance, a fresh reference will be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
vi.	All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.	We are complying with all the environmental protection measures and safeguards as recommended in the EIA report.
vii.	The implementation of the project vis-a-vis environmental action plans shall be monitored by the Regional office of	We are submitting the six- monthly compliance report regularly to the Regional Office of MoEF & CC at

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	MoEF& CC at Chennai, TNPCB and CPCB. A six-monthly compliance status report shall be submitted to monitoring agencies regularly.	Chennai, TNPCB and CPCB.
viii.	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF&CC, GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO ₂ and NO _x outside the premises at the appropriate place for the general public.	Data on ambient air, stack and fugitive emissions are being regularly submitted online to the Regional office of MoEF&CC, GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and data is displayed on RSPM, SO ₂ Nox outside the premises at the appropriate place for the general public.
ix.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	The occupational health surveillance is provided to the workers regularly and the records of the same is maintained as per the Factory Act.
x.	Proper house-keeping and cleanliness must be maintained within and outside the plant.	We maintain proper house-keeping within and outside the plant.
xi.	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.	Occupational health surveillance program is being undertaken regularly for all the employees. Adequate first aid facilities are provided in appropriate places including Occupational Health Centre. The medical records of each employee are maintained.
xii.	The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Acoustic measures are provided at all sources of noise generation to maintain the noise level within the permissible limits by providing acoustic hoods, silencers, enclosures, etc. The ambient noise levels conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).
xiii.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions was established under the control of a Senior Executive.

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xiv.	The CSR funds 2% of the profit should be utilised every year for infrastructure such as buildings, water supply, toilets, sports facilities, for govt. Schools in the nearby locality.	The CSR funds 2% of the profit will be utilized every year for infrastructure such as buildings, water supply, toilets, sports facilities, for Government Schools in the nearby locality.
xv.	The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environmental Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes.	The amount earmarked towards capital cost and recurring cost / annum for implementing pollution control measures is used exclusively for implementation of Environment Management plan as furnished in the EIA report. The funds so provided are not diverted for any other purposes.
xvi.	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&CC, GOI at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We have uploaded the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on our website and updating the same to the Regional Office of the MOEF&CC, GOI at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects are monitored and displayed at a convenient location near the main gate of the company in the public domain.
xvii.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent 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 conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	The Environmental Statement for each financial year ending 31 st March in Form-V as is mandated is submitted by us to the Tamil Nadu State Pollution Control Board as prescribed under the Environmental Protection Rules, 1986, as amended subsequently and also be put on the website of the company along with the status of compliance of environmental conditions and also be sent to the respective Regional Offices of the MoEF&CC by e-mail.
xviii.	Environmental Clearance is being issued without prejudice to the action	Noted and there is no court case against our Environmental Clearance.

Sl. No	Conditions	Compliance
	initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.	
xix.	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted and agreed to comply.
xx.	The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai.	Noted and agreed to comply.
xxi.	The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.	Noted and agreed to comply.
xxii.	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification ,2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.	We ensure that all details submitted for obtaining Environmental Clearance is true and no false information is provided.
xxiii.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	We are complying with all the conditions imposed in our Environmental Clearance.
xxiv.	The SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The industry in a time bound manner shall implement these conditions.	Noted and agreed to comply.
xxv.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the	Noted and agreed to comply.

Sl. No	Conditions	Compliance
	Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules ,2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.	
xxvi.	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010,	Noted and agreed the same.

இதில், 22 பேருக்கு மொடக்குறிச்சி தாலுகா, காகம் ஊராட்சியிலும், 59 பேருக்கு சித்தோடு நல்லகவுண்டன் பாளையத்திலும் வீட்டுமனைப் பட்டா ஒதுக்கீடு செய்து பட்டா தயாரிக்கும் பணிகள் நடைபெறுகிறது.

ஈரோடு ஆட்சியர் உத்தரவின்பேரில் டிசம்பர் 20 ஆம் தேதி முறைப்படி வழங்க நடவடிக்கை எடுக்கப்படும் எனத் தெரிவித்தனர்.

பொது அறிவிப்பு

ஈரோடு மாவட்டம், பெருந்துறை கிராமம், மனை எண் B-12. S.F. Nos 185 & 186 இன் பகுதியை உள்ளடக்கிய நிலங்களில் அமைந்துள்ள ரெசின் உற்பத்தி நிறுவனத்தின் விரிவாக்க பணிக்கான சுற்றுச்சூழல் இசைவாணையை, மாநில சுற்றுச்சூழல் மதிப்பீட்டு ஆணையம் வழங்கியுள்ளது. இசைவாணையின் நகல், தமிழ்நாடு மாசு கட்டுப்பாட்டு வாரியத்தில் கிடைக்கும். மேலும் இவ்வாணையை மாநில சுற்றுச்சூழல் மதிப்பீட்டு ஆணையத்தின் இணையத்திலும் ([Http://environmentclearance.nic.in/Statererecord.aspx?State_Name=Tamil20Nadu](http://environmentclearance.nic.in/Statererecord.aspx?State_Name=Tamil20Nadu)) காணலாம்.

இப்படிக்கு:

M/s. Aypols polymers Pvt. Ltd.,
Perundurai, Erode District.

DT-19/12/2018

operate a quarry towards
S.F.Nos. 718/A1 & 731/1A over an extent of
Village, Kangayam Taluk, Tiruppur District. The public
the EC at District Level Environment Impact Assessment Authority
(DEIAA), Tiruppur, Tamil Nadu (TN) and DEIAA, TN website at
<http://environmentclearance.nic.in/deiaa.aspx>

PUBLIC NOTICE

This is to inform that our resin manufacturing unit at Plot No. B-12, S.F. Nos. 185 & 186, S1PCOT Industrial Area, Perundurai, Erode District in the state of Tamilnadu has been accorded Environmental Clearance for the expansion activities by the State Environmental Impact Assessment Authority of Tamilnadu. The copies of the said clearance are available with the Tamilnadu Pollution Control Board and may also be seen on the website of the State Environmental Impact Assessment Authority of Tamilnadu at http://environmentclearance.nic.in/Staterecord.aspx?State_Name=Tamil%20Nadu.

By.

M/s. Aypols polymers Pvt. Ltd.,
Perundurai, Erode District.

DT - 19/12/2018

RENEWAL OF CONSENT ORDER NO:2309251417140
DATE:22/03/2023



PROCEEDINGS NO.F.0959PND/OL/DEE/TNPCB/PND/A/2023 DATED: 22/03/2023

Sub :	Tamil Nadu Pollution Control Board – AUTO RENEWAL OF CONSENT –M/s. AYPOLS POLYMERS PRIVATE LTD , S.F. No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre, PERUNDURAI village, Perundurai Taluk and ErodeDistrict- Renewal of Consent for operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) – Issued – Reg.
Ref :	1. CTO Proc. No. F.0959PND/OS/DEE/TNPCB/PND/A/2018, dt. 08.02.2018 2. CTO (Exp) Proc. No. T1/TNPCB/F.0959PND/OS/PND/A/2019, dt. 02.07.2019 3. Unit’s Application for Auto Renewal of Consent through OCMMS vide Application No. 51417140, dt. 16-03-2023.

Renewal of Consent is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as “The Act”) and the rules and orders made there under to

The Director,
M/s . AYPOLS POLYMERS PRIVATE LTD
S.F No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre,
PERUNDURAI Village,
Perundurai Taluk,
Erode District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending - March 31, 2027

UDHAYAKUMAR
GOVINDASAMY
District Environmental Engineer,
Tamil Nadu Pollution Control Board,
PERUNDURAI

Digitally signed by
UDHAYAKUMAR GOVINDASAMY
Date: 2023.03.23 18:08:28 +05'30'

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl.No.	Description	Quantity	Unit
Product Details :-			
1.	ALL KINDS OF UNSATURATED AND SATURATED POLYESTER RESINS BY CHEMICAL PROCESS /REACTORS AND BLENDING	3000	T/MONTH
By-Product Details :-			
Intermediate Product Details :-			

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained

I	Point source emission with stack :			
Stack No	Point Emission sources	Air pollution Control measures provided	Stack height from Ground Level in m	Gaseous Discharge in Nm3/hr
1	DG Set 250 KVA Capacity	Acoustic enclosures with stack	6	
2	THERMIC FLUID HEATER 25L KCAL/HR	Cyclone Separator with Stack	30	
II	Fugitive/Noise emission :			
Sl.No.	Fugitive or Noise Emission sources	Type of Emission	Control measures provided	Quantity
1.	DG Set (250 KVA)	Noise	Acoustic enclosures	

Special Additional Conditions-

- i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No.

TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.

- ii. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions-

- 1) The unit shall operate and maintain the air pollution control measures efficiently and continuously so as to achieve the Ambient Air Quality / Emission standards prescribed by the Board.
- 2) The unit shall adhere to the Ambient Noise Level standards prescribed by the Board.
- 3) The unit shall ensure that there is no process emission from its manufacturing process.
- 4) The unit shall maintain the Bio-filters provided to the blending vessels in order to control the odour.
- 5) The unit shall comply with the conditions stipulated in the Environmental Clearance dated 30.11.2018 obtained from the State Level Environment Impact Assessment Authority for the proposed activity.
- 6) The unit shall provide and develop green belt along its periphery and at vacant spaces where there is possibility by planting native species.
- 7) The Unit shall develop green belt in 25% of the total area as per TNPCB norms by planting native species of trees and shall furnish the details of the exact green belt area earmarked for tree plantation and number of trees planted along with longitude and latitude etc.
- 8) The unit shall not use "use and throwaway plastics" such plastic sheets used for food wrapping, spreading on dining table etc, plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead, the unit shall

encourage use of eco-friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates / cups, cloth bag, jute bag etc.

UDHAYAKUMAR
GOVINDASAMY

Digitally signed by
UDHAYAKUMAR GOVINDASAMY
Date: 2023.03.23 18:11:25 +05'30'

District Environmental Engineer,
Tamil Nadu Pollution Control Board,
PERUNDURAI

To
The Director,
M/s.AYPOLS POLYMERS PRIVATE LTD,
211-212, Ravindranath Layout, Venkatasamy Road, New Sidhapudhur, Coimbatore,
Pin: 641044

Copy to:
1.The Executive Officer, PERUNDURAI-Town Panchayat, Perundurai Taluk, Erode District .
2. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information.
3. Copy submitted to the JCEE-Monitoring, Tamil Nadu Pollution Control Board, Salem for favour of kind information.
4. File

This is computer generated, Signature is not required.

RENEWAL OF CONSENT ORDER NO:2309151417140
DATE:22/03/2023



PROCEEDINGS NO.F.0959PND/OL/DEE/TNPCB/PND/W/2023 DATED:
22/03/2023

Sub :	Tamil Nadu Pollution Control Board – AUTO RENEWAL OF CONSENT – M/s. AYPOLS POLYMERS PRIVATE LTD S.F No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre, PERUNDURAI Village, Perundurai Taluk, Erode District- Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.
Ref :	1. CTO Proc. No. F.0959PND/OS/DEE/TNPCB/PND/W/2018, dt. 08.02.2018 2. CTO (Exp) Proc. No. T1/TNPCB/F.0959PND/OS/PND/W/2019, dt. 02.07.2019 3. Unit’s Application for Auto Renewal of Consent through OCMMS vide Application No. 51417140, dt. 16-03-2023.

Renewal Of Consent is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as “The Act”) and the rules and orders made there under to

The Director,
M/s . AYPOLS POLYMERS PRIVATE LTD
S.F No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre,
PERUNDURAI Village,
Perundurai Taluk,
Erode District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending - March 31, 2027

UDHAYAKUMAR
GOVINDASAMY
District Environmental Engineer,
Tamil Nadu Pollution Control Board,
PERUNDURAI

Digitally signed by
UDHAYAKUMAR GOVINDASAMY
Date: 2023.03.23 18:12:05 +05'30'

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl.No.	Description	Quantity	Unit
a.	Product Details :-		
1.	ALL KINDS OF UNSATURATED AND SATURATED POLYESTER RESINS BY CHEMICAL PROCESS /REACTORS AND BLENDING	3000	T/MONTH
b.	By-Product Details :-		
c.	Intermediate Product Details :-		

- 2 This renewal of consent is valid for operating the facility with the below mentioned permitted outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
EFFLUENT TYPE :-	Effluent Type : Sewage		
1.	Sewage	2.0	On Industrys own land
EFFLUENT TYPE :-	Effluent Type : Trade Effluent		
OUTLET NUMBER	DESCRIPTION OF OUTLET	MAXIMUM DAILY DISCHARGE (IN KLD)	POINT OF DISPOSAL
1.	TRADE EFFLUENT 1(RECYCLED WATER)	9.0	On land for gardening
2.	TRADE EFFLUENT 2(GLYCOL RECOVERED)	1.0	Recycling to process

Special Additional Conditions-

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions-

- 1) The unit shall dispose sewage through the septic tank and soak pit arrangement.
- 2) The unit shall operate and maintain the Effluent Treatment Plant efficiently and continuously so as to achieve the standards prescribed by the Board.
- 3) The unit shall reuse the Glycol recovered from the ETP back into the process and shall utilise the recycled water for gardening on industry’s land.
- 4) The unit shall dispose the non hazardous solid wastes then and there without accumulating the same within the premises.
- 5) The unit shall obtain authorisation under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and shall comply with the conditions stipulated in the Authorisation.
- 6) The unit shall comply with the conditions stipulated in the Environmental Clearance dated 30.11.2018 obtained from the State Level Environment Impact Assessment Authority for the proposed activity.
- 7) The unit shall not use "use and throwaway plastics" such plastic sheets used for food wrapping, spreading on dining table etc, plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead, the unit shall encourage use of eco-friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates / cups, cloth bag, jute bag etc.

To
The Director,
M/s.AYPOLS POLYMERS PRIVATE LTD,
211-212, Ravindranath Layout, Venkatasamy Road, New Sidhapudhur, Coimbatore,
Pin: 641044

Copy to:
1.The Executive Officer, PERUNDURAI-Town Panchayat, Perundurai Taluk, Erode District .
2. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information.
3. Copy submitted to the JCEE-Monitoring, Tamil Nadu Pollution Control Board, Salem for favour of kind information.
4. File

This is computer generated, Signature is not required.

AUTHORISATION No. 21HFZ32738370 dated 04/01/2021

Proceeding No. JCEE-M/SMZ/TNPCB/F.0959PND/HWA/OL/PND/2021 dated 04/01/2021

Sub: Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. AYPOLS POLYMERS PRIVATE LTD, S.F.No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre, PERUNDURAI Village, PERUNDURAI Taluk, Erode District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg.

Ref: 1. The unit’s application No. 32738370 dated 23.06.2020.
2. HWA-IR.No.0959PND/HWA/OL/DEE/PND/2020 dated 29/12/2020

FORM 2

[See rule 6 (2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization: 21HFZ32738370 and dated : 04/01/2021
2. The Director of M/s. AYPOLS POLYMERS PRIVATE LTD is hereby granted an Authorisation based on the enclosed signed Inspection report for Generation,Collection,Storage, disposal of hazardous or other wastes or both on the premises situated at S.F.No. 185pt and 186pt, Plot No. B12, SIPCOT Industrial Growth Centre, PERUNDURAI Village, PERUNDURAI Taluk, Erode District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I /33. Handling of hazardous chemicals and wastes	33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	14 T/Annum	Generation,Collection,Storage, disposal
2	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	0.2 KL/Annum	Generation,Collection,Storage, disposal

3. This authorization shall be valid for a period upto 03/01/2026.
The Authorization is issued subject to the following general and special conditions annexed.

**Joint Chief Environmental Engineer-Monitoring
Tamil Nadu Pollution Control Board
Salem**

A. GENERAL CONDITIONS OF AUTHORIZATION

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by Tamil Nadu Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

5. The person authorised shall implement Emergency Response procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire ,etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the CPCB guidelines on “Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty”.
7. It is the duty of the authorized person to take prior permission of Tamil Nadu Pollution Control Board to close down the facility.
8. The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The Hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of Authorisation.
11. The importer or Exporter shall bear the cost of import or export or mitigation of damages if any.
12. An application for the renewal of an authorization shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the MoEF and CC or CPCB from time to time.
14. Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.

B. SPECIFIC CONDITIONS - HW Generator

1. The occupier/generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.
2. The occupier shall follow the following steps for the management of hazardous and other wastes. (a) prevention (b) minimization (c) reuse (d) recycling (e) recovery, utilisation including co-processing and (f) safe disposal
3. The occupier shall take all the steps while managing hazardous and other wastes - (a) To contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and (b) To provide persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.
4. The occupier shall store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection:
5. The hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier’s premises (it shall not be accessible to rain water) till scientific disposal. The storage area shall be fenced properly and a sign of danger shall be placed at the storage site.
6. The containers holding the hazardous and other wastes shall be kept in good condition and made of materials which can withstand the physical and environmental conditions during storage and transportation. Only properly cleaned containers shall be used for storage of hazardous and other wastes.
7. The occupier handling hazardous or other wastes shall maintain records of such operations of generation, handling, storage and disposal as per Form 3.
8. The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.
9. The occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time
10. The labelling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weather proof and easily visible.
11. The hazardous and other wastes shall be transported from the occupier’s establishment to an authorised actual user or to an authorised disposal facility in accordance with the provisions of these rules.

12. The transport of the hazardous and other wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard..
13. The occupier shall provide the transporter with the relevant information in Form 9, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8
14. The authorisation for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.
15. The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.
16. The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation
17. The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treatment, storage and disposal facility shall give to the operator of that facility, such specific information as may be needed for safe storage and disposal.
18. The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.
19. The occupier handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCB on or before the 30th day of June of every year for the preceding period April to March.
20. Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to the notice of the TNPCB and fresh authorization shall be obtained.

ADDITIONAL SPECIFIC CONDITIONS

1. THE UNIT SHALL DISPOSE ALL THE ACCUMULATED HAZARDOUS WASTE (AS PER THE ACTIVITY FOR WHICH AUTHORIZATION IS ISSUED) TO THE AUTHORISED RECYCLERS WITH VALID AGREEMENT MADE WITH THOSE FACILITIES AT ALL TIME.
2. THE UNIT SHALL DISPOSE THE HAZARDOUS WASTE GENERATED (ON DAY TO DAY BASIS) TO THE AUTHORISED RECYCLERS WITH VALID AGREEMENT MADE WITH TSDF AT ALL TIME.
3. THE UNIT SHALL POSSES VALID CONSENT AT ALL TIMES.
4. The unit shall ensure that the Hazardous wastes shall be disposed only to the Authorized Person/Industry/Agency/Recyclers/Transporter as per the activities for which this Authorization is issued.
5. The Hazardous wastes shall be disposed only with manifest and the same shall be endorsed by the dispatcher, transporter and receiver of Hazardous waste.
6. The unit shall furnish the endorsed copy of the manifest maintained in Form-10 of the Hazardous and other wastes (Management and Transboundary Movement) Rules 2016 as amended to TNPCB.
7. The hazardous waste shall be stored in a compatible containers/HDPE bags on a impervious platform in closed shed to prevent pollution of ground water and surface soil.
8. The unit shall store the Hazardous waste such as spent/Used oil in MS barrels and the unit shall not store hazardous waste outside the premises under any circumstances.
9. The unit shall dewater the sludge before dispose into the TSDF/Cement Plants/Pre-Processing Facility.
10. The unit shall avoid spillage of hazardous waste in the unit's premises.
11. The unit shall ensure that there shall be no leakage or spillage of waste from the container during transportation of waste.
12. The unit shall generate and dispose the hazardous wastes within the authorized quantity.
13. The unit shall adhere to the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
14. The unit shall maintain the display board provide for specifying the quantity of hazardous waste accumulated and disposed in the storage area.
15. The unit shall maintain FORM III of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in the premises.

16. The unit shall furnish the FORM IV as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to the TNPCB, on or before thirtieth June of every year.
17. The unit shall ensure that the transport container shall be labelled as prescribed in Form 8 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
18. The unit shall send the Transport Emergency (TREM) card in Form 9 with the transporter during the transportation of Hazardous wastes.
19. The unit shall furnish Emergency response plan(ERP) which should address procedures for dealing with emergency situations (viz. Spillage or release or fire) as specified in the guidelines of CPCB. Such ERP shall comprise the following, but not limited to:
- Containing and controlling incidents so as to minimize the effects and to limit danger to the persons, environment and property;
 - Implementing the measures necessary to protect persons and the environment;
 - Description of the actions which should be taken to control the conditions at events and to limit their consequences, including a description of the safety equipment and resources available;
 - Arrangements for training staff in the duties which they are expected to perform;
 - Arrangements for informing concerned authorities and emergency services; and
 - Arrangements for providing assistance with off-site mitigatory action.
20. The unit shall reduce the hazardous waste generation year after year.
21. The unit shall take effective raw material and water conversion measures and cleaner production measures to minimize the generation of hazardous waste from time to time.
22. The unit shall follow the hazardous waste manifest system in form 13 while transportation of the Hazardous wastes.
23. The unit shall follow the guidelines and criteria for handling hazardous wastes prescribed by the CPCB from time to time.

**Joint Chief Environmental Engineer-Monitoring
Tamil Nadu Pollution Control Board
Salem**

To
The Director
AYPOLS POLYMERS PRIVATE LTD
211-212, Ravindranath Layout, Venkatasamy Road, New Sidhapudhur, Coimbatore
Pin:641044

Copy to:

1. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, PERUNDURAI.



Enviro Solutions & Labs

A5, Cheran Nagar, Off. Mettupalayam Road,
Kavundampalayam, GN Mills (Post), Coimbatore - 641 029. Tamilnadu.

✉: info@envislab.com 🌐: www.envislab.com ☎: 0422 4200600



TEST REPORT

Issued To :

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M/s. Aypols Polymers Private Limited

Plot No. B12, 2nd Cross,
SIPCOT Industrial Area,
Perundurai, Erode - 638 052

Report No. : ESL/2504/AAQ/1784

Report Date : 04.04.2025

Sample Code : ESL2503640-642

SAMPLE DETAILS

Nature of Sample	Air Quality	Sample Description	Ambient Air
Sample Collected By	Enviro Solutions & Labs	Sample Location	As Mentioned Below
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Commenced On	29.03.2025	Analysis Completed On	04.04.2025

S. No	Parameters	Results			Test Method	NAAQ Standards
		AAQ - 1	AAQ - 2	AAQ - 3		
1	Particulate Matter size less than 10- μm (PM_{10}), $\mu\text{g}/\text{m}^3$	58.3	56.3	60.8	IS 5182(P-23):2006(RA:2017)	100
2	Particulate Matter size less than 2.5- μm ($\text{PM}_{2.5}$), $\mu\text{g}/\text{m}^3$	25.1	24.8	27.2	ESL/SOP/001	60
3	Sulphur Dioxide (SO_2), $\mu\text{g}/\text{m}^3$	7.5	6.9	8.7	IS 5182 (P-2):2006(RA:2017)	80
4	Nitrogen Dioxide (NO_2), $\mu\text{g}/\text{m}^3$	21.9	19.6	18.5	IS 5182 (P-6):2006(RA:2017)	80
5	Carbon Monoxide (CO), mg/m^3	BQL (LOQ:1)	BQL (LOQ:1)	BQL (LOQ:1)	ESL/SOP/017	2
6	Ozone, $\mu\text{g}/\text{m}^3$	BQL (LOQ:5)	BQL (LOQ:5)	BQL (LOQ:5)	IS 5182 (P- 9):1974(RA:2019)	180
7	Ammonia, $\mu\text{g}/\text{m}^3$	BQL (LOQ:5)	BQL (LOQ:5)	BQL (LOQ:5)	ESL/SOP/002	400
8	Lead (Pb), $\mu\text{g}/\text{m}^3$	BQL (LOQ:0.025)	BQL (LOQ:0.025)	BQL (LOQ:0.025)	IS 5182 (P-22):2004(RA:2019)	1
9	Benzene, $\mu\text{g}/\text{m}^3$	BQL (LOQ:0.5)	BQL (LOQ:0.5)	BQL (LOQ:0.5)	IS 5182 (P-11):2006(RA:2017)	5
10	Benzo(a)pyrene, ng/m^3	BQL (LOQ:0.5)	BQL (LOQ:0.5)	BQL (LOQ:0.5)	IS 5182 (P-12):2004(RA:2019)	1
11	Arsenic, ng/m^3	BQL (LOQ:1)	BQL (LOQ:1)	BQL (LOQ:1)	ESL/SOP/021	6
12	Nickel, ng/m^3	BQL (LOQ:2.5)	BQL (LOQ:2.5)	BQL (LOQ:2.5)	USEPA IO - 3.2	20

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification.

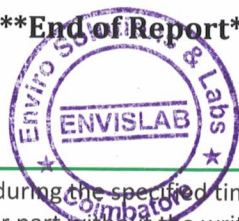
*National Ambient Air Quality Standards prescribed by Ministry of Environment and Forests, Government of India vide Gazette Notification G.S.R. 826(E) dated 18.11.2009.

AAQ1: South East Side of The Plant

AAQ2: South West Side of The Plant

AAQ3: North West Side of The Plant

****End of Report*****



Authorised Signatory

T. Ram Ganesan
4/4/25

Technical Manager

- The test results relate only to the items tested during the specified time
- The test report shall not be reproduced in full or part without the written approval of ENVISLAB
- The test items will not be retained more than 15 days from the date of issue of the test report unless specifically requested



Enviro Solutions & Labs

A5, Cheran Nagar, Off. Mettupalayam Road,
Kavundampalayam, GN Mills (Post), Coimbatore - 641 029. Tamilnadu.

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TEST REPORT

Issued To :

Page: 1/1

M/s. Aypols Polymers Private Limited
Plot No. B12, 2nd Cross,
SIPCOT Industrial Area,
Perundurai, Erode - 638 052

Report No. : ESL/2504/IAQ/1785
Report Date : 04.04.2025
Sample Code : ESL2503643

SAMPLE DETAILS

Nature of Sample	Indoor Air Quality	Sample Description	Indoor Air
Sample Collected By	Enviro Solutions & Labs	Sample Location	As Mentioned Below
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Commenced On	29.03.2025	Analysis Completed On	04.04.2025

S.No	Parameters	Results	Test Method	Limits*
		IAQ 1		
1	Particulate Matter size less than 10- μm (PM ₁₀), $\mu\text{g}/\text{m}^3$	123	IS 5182 (P-23):2006(RA:2017)	10000
2	Particulate Matter size less than 2.5- μm (PM _{2.5}), $\mu\text{g}/\text{m}^3$	48	IS: 5182 (P-24) :2019	5000
3	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	7.1	IS 5182 (P-2):2006(RA:2017)	13088
4	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	20.9	IS 5182 (P-6):2006(RA:2017)	9407
5	Carbon Monoxide (CO), ppm	BQL (LOQ:1.0)	ESL/SOP/20:2024	50

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

* Standards as prescribed by U.S. Occupational Safety and Health Administration (OSHA) / # American Council of Governmental Industrial Hygienists (ACGIH) for Indoor Air Contaminants.

IAQ1: Production Plant

End of Report



Authorised Signatory
[Signature]
I. Ram Ganesan
Technical Manager

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M/s. Aypols Polymers Private Limited
Plot No. B12, 2nd Cross,
SIPCOT Industrial Area,
Perundurai, Erode - 638 052

Report No. : ESL/2504/IAQ/1786
Report Date : 04.04.2025
Sample Code : ESL2503644

SAMPLE DETAILS

Nature of Sample	Indoor Air Quality	Sample Description	Indoor Air
Sample Collected By	Enviro Solutions & Labs	Sample Location	As Mentioned Below
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Commenced On	29.03.2025	Analysis Completed On	04.04.2025

S.No	Parameters	Results	Test Method	Limits*
		IAQ 1		
1	Total Volatile Organic Compound (TVOC)	2.3	ESL/SOP/032:2024	--

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

IAQ1: Production Plant

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I. Ram Ganesan
I. Ram Ganesan
Technical Manager

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Report No. : **ESL/2504/SM/1787**
Report Date : **04.04.2025**
Sample Code : **ESL2503645**

SAMPLE DETAILS

Nature of Sample	Source Emission Monitoring	Sample Description	Stack monitoring
Sample Collected By	Enviro Solutions & Labs	Sample Condition	Good
Sampling Procedure	Method : IS 11255 Part 1	Sample Location	As Mentioned Below
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Commenced On	29.03.2025	Analysis Completed On	04.04.2025

S. No	STACK DETAILS	Thermic Fluid Heater (Boiler) 10L Kcal/Hr
1	Stack height (m)	30
2	Stack Diameter (m)	0.75
3	Cross Sectional Area (m ²)	0.441
4	Velocity of Flue Gas (m/sec)	10.9
5	Gas Discharge (Nm ³ /hr)	11255
6	Stack gas temperature (K)	449
7	Ambient Gas Temp (K)	306

S. No	Stack Attached To	RESULTS				
		Particulate Matter (mg/Nm ³)	Oxides of Nitrogen (mg/Nm ³)	Carbon Monoxide (mg/Nm ³)	Sulphur Dioxide (mg/Nm ³)	CO ₂ (%)
1	Thermic Fluid Heater (Boiler) 10L Kcal/Hr	81.6	66	45	198	2.7
Standards		150	---	---	---	---

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification.

End of Report



Authorised Signatory

T. Ram Ganesan
4/4/25
T. Ram Ganesan
Technical Manager

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Plot No. B12, 2nd Cross,
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Report No. : ESL/2504/SM/1788
Report Date : 04.04.2025
Sample Code : ESL2503646

SAMPLE DETAILS

Nature of Sample	Source Emission Monitoring	Sample Description	Stack monitoring
Sample Collected By	Enviro Solutions & Labs	Sample Condition	Good
Sampling Procedure	Method : IS 11255 Part 1	Sample Location	As Mentioned Below
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Started On	29.03.2025	Analysis Completed On	04.04.2025

S. No.	STACK DETAILS	DG Set 250 KVA
1	Stack height (m)	2.2
2	Stack Diameter (m)	0.3
3	Cross Sectional Area (m ²)	0.0706
4	Velocity of Flue Gas (m/sec)	12.8
5	Gas Discharge (Nm ³ /hr)	2617
6	Stack gas temperature (K)	363
7	Ambient Gas Temp (K)	306

S. No	Stack Attached To	RESULTS				
		Particulate Matter (g/kw-hr)	Oxides of Nitrogen (g/kw-hr)	Carbon Monoxide (g/kw-hr)	Sulphur Dioxide (mg/Nm ³)	Carbon Dioxide (%)
1	DG Set 250 KVA	0.121	0.102	1.19	6.4	2.3
Standards		≤0.20	≤4.0	≤3.5	---	---

*As per Environmental Protection Act, the principle rules published regarding the Emission standard for diesel generator set up to 800KW (Power Category from 75 KW to 800 KW) in the Gazette of India vide number S.O 844(E) dated _ No November 1986 and subsequent amendment rule vide GSR 771(E) dated 11th December 2013.

End of Report



Authorised Signatory

I. Ram Ganesan
I. Ram Ganesan
Technical Manager

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M/s. Aypols Polymers Private Limited

Plot No. B12, 2nd Cross,

SIPCOT Industrial Area,

Perundurai, Erode - 638 052

Report No.

: **ESL/2504/N/1789**

Report Date

: 04.04.2025

Sample Code

: **ESL2503647**

SAMPLE DETAILS

Nature of Sample	Noise Level	Sample Description	Ambient Noise
Sample Collected By	Enviro Solutions & Labs	Sample Condition	Good
Sample Collected On	28.03.2025	Sample Received On	29.03.2025

S. No.	Location	Noise Level [dB(A)]	
Ambient Noise Level*		Day	Night
1	North East corner of the plant	61.9	51.3
2	North West corner of the plant	66.1	52.5
3	South East corner of the plant	67.7	48.6
4	South West corner of the plant	64.6	48.1
	Standard	75	70
Source Noise Level#			
5	Compressor Room	79.8	
6	DG	74.9	
7	Boiler	69.3	
8	Reactor 2nd Floor	72.7	
9	Blender 1st Floor	72.9	
10	Bed Loading Area	71.7	
	Standard	85	

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M/s. Aypols Polymers Private Limited
Plot No. B12, 2nd Cross,
SIPCOT Industrial Area,
Perundurai, Erode - 638 052

Report No. : ESL/2504/W/1790
Report Date : 04.04.2025
Sample Code : ESL2503648

SAMPLE DETAILS

Nature of Sample	Waste Water	Sample Description	STP Outlet Water
Sample Collected By	Enviro Solutions & Labs	Sample Condition	Good
Sampling Procedure	ESL/QSP/07	Sample Location	STP
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Started On	29.03.2025	Analysis Completed On	04.04.2025

S. No	Parameters	Units	Test Method	Results	Tolerance Limits as per TNPCB Standards
1	pH at 25 °C	-	IS 3025 (Part -11)-2022	8.21	5.5-9.0
2	Total Suspended Solids	mg/l	IS 3025 (Part -17)-2022	12.0	30
3	Biochemical Oxygen Demand at 27°C for 3 days	mg/l	IS:3025(Part-44)-2023	19.0	20

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification.

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Technical Manager

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M/s. Aypols Polymers Private Limited
Plot No. B12, 2nd Cross,
SIPCOT Industrial Area,
Perundurai, Erode - 638 052

Report No. : ESL/2504/W/1792
Report Date : 04.04.2025
Sample Code : ESL2503650

SAMPLE DETAILS

Nature of Sample	Waste Water	Sample Description	ETP Outlet Water
Sample Collected By	Enviro Solutions & Labs	Sample Condition	Good
Sampling Procedure	ESL/QSP/07	Sample Location	ETP
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Started On	29.03.2025	Analysis Completed On	04.04.2025

S. No	Parameters	Units	Test Method	Results	Tolerance Limits as per TNPCB Standards
1	pH at 25 °C	-	IS 3025 (Part -11)-2022	2.36	5.5-9.0
2	Total Dissolved Solids	mg/l	IS 3025 (Part 16) 2023	2014	2100
3	Total Suspended Solids	mg/l	IS 3025 (Part -17)-2022	15.0	100
4	Biochemical Oxygen Demand at 27°C for 3 days	mg/l	IS 3025 (Part 44) :2023	23.0	30
5	Chemical Oxygen Demand	mg/l	IS 3025 (Part 58): 2023	110	250
6	Oil & Grease	mg/l	IS 3025(Part-39)-2021	BQL(LOQ4.0)	10
7	Chloride as Cl-	mg/l	IS 3025 (Part- 32)-1988 (RA:2019)	682	1000
8	Sulphate as SO ₄	mg/l	IS 3025(Part24/Sec-1)-2022	228	1000

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification.

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Report No. : ESL/2504/W/1793
Report Date : 04.04.2025
Sample Code : ESL2503651

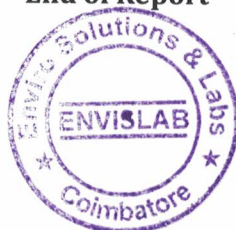
SAMPLE DETAILS

Nature of Sample	Water Analysis	Sample Description	Drinking Water
Sample Collected By	Client	Sample Condition	Good
Sampling Procedure	ESL/QSP/07	Sample Location	Kaveri Water
Sample Collected On	28.03.2025	Sample Received On	29.03.2025
Analysis Started On	29.03.2025	Analysis Completed On	04.04.2025

S.NO	PARAMETER	UNIT	TEST METHOD	RESULTS	As per 10500:2012 (RA:2018)
					Acceptable Limit
1	Odour	-	IS 3025 Part 5-2018	Agreeable	Agreeable
2	Turbidity	NTU	IS : 3025 Part 10-2023	BQL(LOQ:0.1)	1.0
3	pH at 25 °C	-	IS : 3025 Part 11- 2022	7.78	6.5-8.5
4	Electrical Conductivity @25°C	µS/cm	IS :3025Part 14- 1984(RA: 2019)	575	--
5	Total Dissolved Solids	mg/l	IS : 3025 Part 16-2023	286	500
6	Total Suspended Solids	mg/l	IS 3025 (Part 17)-2022	BQL(LOQ:2.0)	--
7	Total Alkalinity as CaCO ₃	mg/l	IS : 3025 Part 23- 2023	165	200
8	Total Hardness as CaCO ₃	mg/l	IS: 3025 Part 21-2009 (RA:2019)	168	200
9	Calcium as Ca ⁺	mg/l	IS :3025 Part 40-1991 (RA:2019)	59.5	75
10	Magnesium as Mg ⁺	mg/l	IS 3025 Part 46-2023	2.8	30
11	Chloride as Cl ⁻	mg/l	IS :3025 Part 32-1988(RA: 2019)	64.6	250
12	Sulphate as SO ₄	mg/l	IS 3025(Part24/Sec-1)-2022	23.7	200
13	Iron as Fe	mg/l	IS :3025 Part 53-2003 (RA:2019)	BQL(LOQ:0.1)	0.3
14	Fluoride as F	mg/l	IS 3025 Part 60- 2008 (RA:2019)	BQL(LOQ:0.1)	1.0
15	Nitrate as NO ₃	mg/l	IS 3025Part 34-1988 (RA:2019)	3.8	45
16	Nitrite as NO ₂	mg/l	IS 3025Part 34-1988 (RA:2019)	BQL(LOQ:0.1)	--

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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4/4/25
I. Ram Ganesan
Technical Manager

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