

27th November 2025

To,

The Deputy Director General of forest,
Ministry of Environment, Forest, and climate change,
Integrated Regional office, 1st floor, Additional block,
Shastri Bhawan, Haddow's road, Nungambakkam,
Chennai – 600034.

Ref: Environmental Clearance letter No SIA/TN/INFRA2/539591/2025 & EC identification number -
EC25C3806TN5568882N

Sub: Submission of Half-yearly EC Compliance Report for the period of April'25 – September'25.

Sir,

Environmental Clearance was accorded to Allison transmission India private limited vide Letter No. SIA/TN/INFRA2/539591/2025. We are herewith submitting the half yearly EC Compliance Report for the period from April'25 – September'25 soft copy for your ready reference. We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions.

Kindly acknowledge the receipt of reports.

Thanking you,

Yours truly,



R. Elthar
27 NOV 2025

Director - Plant Engg & Manufacturing Services
Allison Transmission India Pvt Ltd



Copy To,

1. The Member Secretary,
State Environment Impact Assessment Authority (SEIAA),
Tamil Nadu, No.327, Metros 9th Floor, Anna salai, Nandanam, Chennai – 600035.
2. The District Environmental Engineer.
Tamil Nadu Pollution Control board,
Plot No.CP-5B, SIPCOT Industrial Growth center, Sriperumbudur Taluk,
Kancheepuram (Dt) – 602105.



HALF YEARLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

For the period of April 2025 to September 2025

For

Construction of New R&D facility and increase in production
capacity.

(EC Issued date: 19.08.2025)

SUBMITTED BY



ALLISON TRANSMISSION INDIA PRIVATE LIMITED

A-21, SIPCOT Industrial Park, Oragadam, Sriperumbudur Taluk,
Panruti A & B Block Village,
KANCHIPURAM, TAMIL NADU, 602105

November 2025

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Annexure 2	Local newspaper advertisement copy
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1. PROJECT DETAILS

Name of the Project	Construction of New R&D facility and increase in production capacity
Name of the Proponent	M/S. Allison Transmission India Pvt Limited
Location	S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663A pt. A-21, SIPCOT Industrial Park, Oragadam, Sriperumbudur Taluk, Panruti A & B Block Village, Kanchipuram, Tamil Nadu, 602105
EC Identification & Proposal no.	EC25C3806TN5568882N & SIA/TN/INFRA2/539591/2025, Dated: 29.05.2025. (Enclosed as Annexure 1)
Build up Area details. (Sq.m)	Existing – 51259.4 Addition – 1500 Total after expansion – 52759.4
Water Requirement	100 KLD
Project cost	Existing - INR 1822.56 Crore Additional – INR 10 Crore After expansion - INR 1832.56 Crore

3.SIX MONTH ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

General Instruction

S.no	Instruction/Condition	Status of compliance
1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which One shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.	Condition complied. The granted Environmental Clearance letter has been advertised in two local newspapers. i.e. Times of India (English) dated 23.08.2025 and Daily Thanthi (Tamil) dated 23.08.2025 The advertisement copy is Annexure 2
2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.	Condition complied. The EC copy was submitted for public display in the local Panchayat office, DO and SIPCOT office on 28.08.2025.
3	The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.	Condition complied
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progresses of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Condition noted and will be complied at appropriate time of occurrence. EMP costs will be handled through the company's corporate account. Detailed expense statement for the cost spent will be submitted. Refer attached annexure 4
5	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full	Condition noted will always be ensured

STANDARD CONDITION

Standard condition – Climate change

S.NO	CONDITION	STATUS OF COMPLIANCE
17	The proponent shall adopt strategies to decarbonize the building, reduce carbon footprints and develop strategies for climate proofing and mitigation.	Condition noted and will be complied with.
18	The proponent shall adopt strategies to reduce carbon & GHG emissions during operation (operational phase and building materials).	Condition noted and will always be ensured
19	The proponent shall adopt methodology to control thermal Environment and other shocks in the building.	Condition noted and will always be ensured
20	The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.	Condition noted and will always be ensured
21	The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.	Condition noted and will always be ensured
22	The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.	Condition noted and will always be ensured
23	The proponent shall ensure that the buildings does not cause any damage to water Environment, air quality and should be carbon neutral building.	Condition noted and will always be ensured

Standard condition: health and energy

S.NO	CONDITION	STATUS OF COMPLIANCE
24	The proponent shall adopt strategies to maintain the health of the inhabitants within and in the vicinity.	Condition noted and will always be ensured
25	The proponent shall adopt strategies to reduce electricity demand and consumption.	Condition complied
26	The proponent shall provide provisions for automated energy efficiency.	Condition complied
27	The proponent shall provide provisions for controlled ventilation and lighting systems.	Condition complied
28	The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.	Condition complied.

39	All bio-safety standards, hygienic standards, and safety norms of working staff to be strictly followed as stipulated in EIA/EMP.	Condition noted and will always be ensured
40	The disaster management/disaster mitigation standards & fire safety standards as prescribed by competent authorities.	Condition noted and will be complied with.
41	The proponent shall provide the emergency exit in the buildings.	Condition complied. Emergency exits have been provided in all buildings as per safety norms.
42	The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal.	Complied. No untreated sewage is discharged outside the project site. Treated water is disposed of only through the permitted mode. No deviation.
43	The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.	Condition complied. The Existing STP is being operated continuously and efficiently. Treated water meets TNPCB discharge standards
44	The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB & RO of MoEF&CC.	Condition complied. Treated water is periodically tested through NABL accredited laboratories. Test reports are submitted Monthly to TNPCB
45	The proponent shall ensure that provision should be given for proper utilization of recycled water.	Condition Complied. Provision has been made for the proper utilization of treated sewage as per regulatory guidelines.
46	The project proponent shall adhere to storm water management plan as committed.	Complied. Storm water management plan is adhered to as committed in the project documents.
47	The project proponent shall provide sufficient parking space for the visitors and sufficient space shall be made inside the project area for free turn of vehicles, so as to avoid traffic congestion inside the premises. Separate In-gate and out gate shall be provided for the vehicular movement.	Complied. Adequate parking space has been provided for visitors and internal vehicle movement. Separate in-gate and out-gate arrangements are in place to avoid congestion.
48	Solid waste Management The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.	Complied. Solid waste is disposed as per the laid framework in concurrence with SPCOT.
49	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness	Condition complied. The Tamil Nadu government ban on

59		and throwaway plastics is strictly followed.
60	The proponent should provide sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.	Condition noted and will be complied with.
61	The project proponent should develop green belt as per the plan submitted and follow the guidelines of CPCB/Development authority for green belt as per the norms.	Condition noted and being complied
62	The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated wastewater and harvested rainwater.	Condition complied

**Standard Environmental Clearance Conditions prescribed by
MoEF&CC for Construction Projects.**

1. Statutory Compliance:

63	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Complied. All statutory permissions from relevant authorities will be obtained before commencement of work. Construction activities will be carried out strictly as per approved norms
64	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Complied. Approval from the competent authority has been obtained. All construction materials and equipment comply with National Building Code requirements.
65	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable (SIPCOT land)
66	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable (SIPCOT land)
67	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Condition Complied.

76	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Complied. Adequate pollution control measures (watering, wind barriers, tarpaulin covering, vehicle washing facilities, etc.) have been implemented to control dust.
77	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Condition complied
78	Wet jet shall be provided for grinding and stone cutting.	Condition noted and being complied.
79	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Condition complied
80	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Condition complied
81	The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Complied. Monitoring of DG stack is conducted periodically. All monitored values remain within permissible CPCB standards.
82	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. Low Sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Complied. Monitoring of dust, noise, vibrations, and air quality (PM10/PM2.5) is conducted periodically. All monitored values remain within permissible CPCB standards.
83	For indoor air quality the ventilation provisions as per National Building Code of India.	Condition noted and being complied.

91	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Condition complied. Low flow faucets and tap aerators are fixed in water taps.
92	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Condition complied. Separate piping system maintained for domestic & industrial stream.
93	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Condition noted and being complied.
94	The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Condition complied. Local bye law's provisions on RWH followed.
95	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse.	Condition complied. There is a 2000KL storage capacity for rainwater storage and it is available for reuse. Refer attached annexure 6
96	All recharges should be limited to shallow aquifer.	Condition complied.
97	No ground water shall be used during construction phase of the project.	Condition complied. Ground water is not withdrawn as per SIPCOT direction. Borewells capped.
98	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Condition noted. Refer attached annexure 6

	shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	
105	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Condition noted and will be complied at appropriate time of occurrence. See attached Annexure 3
106	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Condition complied. Acoustic enclosures for DG sets, noise barriers at ground-run bays, ear plugs for operating personnel are implemented as mitigation measures to reduce noise impact during DG operation

5. Energy Conservation Measures:

107	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Condition complied
108	Outdoor and common area lighting shall be LED.	Condition complied
109	The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.	we have a long-term contract for solar and wind power sourcing >75% of our requirement supplied by third party. hence, we will continue the same.
110	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Condition complied
111	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Condition complied
112	Solar, wind, or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or	Condition noted and will be complied with.

	Notification of September 1999 and amended as on 27th August 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	
122	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Condition complied.
123	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Condition complied. E. Waste was sold/disposed to an authorized recycler

7. Green cover

124	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Condition noted and will be complied with.
125	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Condition complied.
126	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document	Condition noted. Proposed ear marked building area does not have any trees and does not fall under marked green belt area.
127	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Condition noted and will be complied with.
128	A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.	Condition noted and will be complied with.

8. Transport

135	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition complied. Canteen facility, Mobile toilet, Drinking water and OHC available in site.
136	Occupational health surveillance of the workers shall be done on a regular basis.	Condition noted and will be complied with.
137	A First Aid Room shall be provided in the project both during construction and operations of the project.	Condition complied. OHC available in site.

10. Corporate Environment Responsibility:

138	The PP shall complete the CER activities, as committed, before obtaining CTE.	Completed. Detail report refer annexure 7
139	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR)	Condition noted and will be complied with.
140	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization	Condition complied. Environmental Management Cell (EMC) is available and managed by Head - Plant engineering.
141	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).	Condition noted. EMP costs will be handled through the company's corporate account. Detailed expense statement for the cost spent will be submitted. Refer attached annexure 4 report.

11. Miscellaneous:

142	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Condition complied. The granted Environmental Clearance letter has been advertised in two local newspapers.
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153	The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions	Condition noted and being complied
154	The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Condition noted and being complied
155	The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Condition noted and being complied

**STANDARD CONDITIONS Part - A – Common conditions applicable for
Pre-construction, Construction and Operational Phases:**

156	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.	Condition noted and will be complied with.
157	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	Condition noted and being complied
158	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit	Condition noted and will be complied with.
159	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	Condition noted and will be complied with.
160	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be	Condition noted and will be complied with.

		standards. Monthly, Test reports are submitted to TNPCCB. Refer attached annexure 3
170	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.	Condition noted and being complied
171	The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance	Condition noted and being complied
172	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Condition noted and being complied
173	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	Condition noted and being complied
174	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	Condition noted and will be complied appropriate time of occurrence
175	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	Condition complied. Environmental Management Cell (EMC) is available and managed by Head - Plant engineering.
176	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCCB with a copy to SEIAA annually.	Condition noted. EMP costs will be handled through the company's corporate account. Detailed expense statement for the cost spent will be submitted.
177	The Project Proponent has to provide adequate rainwater harvesting pits as committed to recover and reuse the rainwater during normal rains as reported.	Condition complied. There is a 2000KL storage capacity for rainwater storage and it is available for reuse.
178	The project activity should not cause any disturbance & deterioration of the local biodiversity	Condition noted and will always be ensured
179	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be	Condition noted and will always be ensured

190	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Information noted.
191	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	Condition complied. Environment Clearance letter submitted to local bodies like SIPCOT, BDO and panchayat office.
192	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipment's, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.	Condition noted and will always be ensured.
193	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Condition complied. Sanitary and hygienic measures for the all workers
194	Design of buildings should be in conformity with the Seismic Zone Classifications.	Condition noted and will always be ensured
195	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	Condition noted and will always be ensured
196	No construction activity of any kind shall be taken up in the OSR area.	Condition noted and will always be ensured
197	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Condition noted and will always be ensured
198	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011	Not applicable. (SIPCOT land)
199	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Condition noted and will always be ensured.
200	The project proponent shall ensure the entry of basement shall be above maximum flood level.	Condition complied.
201	The proponent shall prepare completion plans showing Separate pipelines marked with different colors with the following details i. Location of STP, compost system, underground sewer line. ii. Pipeline conveying the treated effluent for green belt development. iii. Pipeline conveying the treated effluent for toilet flushing iv. Water supply pipeline v. Gas supply pipeline, if proposed vi. Telephone cable vii. Power cable viii. Storm water drains, and ix. Rainwater harvesting system, etc. and it shall be made available to the owners	Condition complied.

		such as Helmet, Earmuff, gloves, and Safety shoes are provided to workers involved in Construction activity.
214	The entire water requirement during construction phase may be met from private tankers	Condition noted and will always be ensured.
215	Provision shall be made for the housing labor within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied. Workers / Laborers have been provided with facilities such as Drinking water and Toilet facilities. Photo of contractors toilet facilities is given in Annexure – 11
216	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of wastewater shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only	Condition Noted. Appropriate measures were taken to ensure the well-being of construction workers by providing clean drinking water and adequate sanitary facilities at the site. The Existing STP is being operated continuously and efficiently. Treated water meets TNPCB discharge standards and reused in gardening. All municipal solid waste was disposed of exclusively at designated local dumping sites as per local regulation.
217	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	Condition noted and will always be ensured.
218	Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control	Condition complied. Low flow faucets and tap aerators were fixed on all water taps.
219	In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	Condition noted. Bio composting facility was available onsite. So STP sludge was treated through the composting process.
	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be	Condition complied. Hazardous waste such as batteries, small electronics,

	watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.	
227	Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	Condition complied.
228	The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	Condition complied. Valid CCOE license available for Diesel storage.
229	The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	Condition complied. Acoustic enclosures were installed on all noise generating equipment's such as DG sets, air conditioning systems, cooling water tower to mitigate noise impacts.
230	Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	Condition complied.
231	Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	Condition complied. Monthly ambient noise level monitoring was conducted both during the day & night.
232	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized, and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted, and any cost-effective traffic regulative facility shall be met before commissioning	Condition noted and will always be ensured.
233	The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	Condition complied. The buildings were provided with adequate distance to allow free movement of fresh air and passage of natural light, ensuring proper ventilation throughout the premises.
	The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at	Condition complied. Sprinkling system is being engaged to control fugitive emissions. Vehicles used in

246	Adequate fire protection equipment's and rescue arrangements should be made as per the prescribed standards.	Condition complied. Adequate fire protection equipment's and rescue arrangements were provided as per the prescribed standards.
247	Proper and free approach road for fire-fighting vehicles up to the buildings and for rescue operations in the event of emergency shall be made.	Condition complied
248	The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is complete	Condition complied. We have planned and planted tree species with high carbon capture potential in the proposed green belt area based on the recommendation of the Forest department.
249	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	Condition complied
250	The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	Condition noted and will always be ensured. Refer attached Annexure 9
251	The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institution for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage	Condition complied. The Sewage Treatment Plant (STP) installed at the project site has been assessed for adequacy. Certification from an independent expert was obtained. Refer attached Annexure 10
252	The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN	Condition complied. The STP has been installed as per approved design and specifications. Any alteration made to comply with bathing quality standards will be immediately informed to SEIAA-TN.
253	The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	Condition noted. The STP & ETP operated and maintained effectively to ensure compliance with the CPCB Prescribed standards.

Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project

262	There should be Firefighting plan and all required safety plan.	Condition complied. A detailed firefighting plan and safety management plan were implemented.
263	Regular fire drills should be held to create awareness among owners/ residents	Condition complied
264	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	Condition complied. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles was segregated at source, collected once a month. Disposal was carried out as per the SWM Rules 2016 through authorized recycler/TNPCB Authorized vendor.
265	The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.	Condition noted and will always be ensured.
266	Solar energy saving shall be increased to atleast10% of total energy utilization.	Condition complied.
267	The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.	Condition noted. The actions taken during the public consultation were carried out under the Corporate Environmental Responsibility (CER) activity. Refer as Annexure – 7
268	The EMP cost 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	Condition noted. EMP costs will be handled through the company's corporate account. Detailed expense statement for the cost spent will be submitted.

278	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odor and mosquito problem from STP.	Condition complied. The Existing STP is being operated continuously and efficiently. Treated water meets CPCB discharge standards. STP treated water is recycled for gardening purposes.
279	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	Condition complied.
280	It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.	Condition complied.
281	Adequate measures should be taken to prevent odor emanating from solid waste processing plant and STP.	Condition noted and will always be ensured
282	The e - waste generated should be collected and disposed to a nearby authorized e-waste center as per E- waste (Management & Handling), Rules 2016 as amended.	Condition complied. E-waste was disposed of through an authorized vendor.
283	Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.	Condition complied
284	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and nighttime.	Condition complied. The noise levels within the plant premises are being maintained in accordance with the CPCB prescribed standards for both day and nighttime. Regular monitoring is carried out, and necessary control measures are implemented to ensure continued compliance.
285	Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.	Condition complied. Used oil was sold to an authorized recycler
286	The proponent is required to provide a household hazardous waste / E-waste collection and disposal mechanism.	Condition complied.
287	The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be	Complied. A Stormwater drainage system is provided around

Environmental Monitoring details

Ambient Air quality monitoring details

It is mandatory to submit six monthly EC compliance report to MoEF & CC Regional Office by the proponent. For the purpose of submitting Six-Monthly EC Compliance report, environmental monitoring was carried out at site by M/s. Hubert Enviro Care Systems Pvt. Ltd. an NABL accredited laboratory for the period of August'25 & September'25.

Ambient Air Quality Monitoring During operation phase, particulate matter and gaseous emissions are likely to arise from the site movement of vehicles, operation of DG sets etc., the ambient air quality parameters such as Particulate matter (PM10), Particulate matter (PM 2.5), and NOX). The test report of ambient air quality for the period of Aug 2025 & September 2025 is enclosed as Annexure 3.

Noise level monitoring details

Ambient Noise level monitoring Ambient noise quality was monitored, and the test report of ambient noise recorded during the period of Aug 2025 & September 2025 is enclosed in Annexure 3.

ANNEXURE



File No: 12240
 Government of India
 Ministry of Environment, Forest and Climate Change
 (Issued by the State Environment Impact Assessment
 Authority(SEIAA), TAMIL NADU)



Dated 19/08/2025



To,

Thiru.K R Moses
 ALLISON TRANSMISSION INDIA Private Limited
 A-21, SIPCOT Industrial Park, Oragadam, Sriperumbudur Taluk, Kanchipuram District-602105.,
 Panruti A & B Block Village, KANCHIPURAM, TAMIL NADU, 602105
 k.moses@allisontransmission.com

Subject: Grant of EC under the provision of the EIA Notification 2006-as amended regarding.

Sir/Madam,

Sub:SEIAA, TN - proposed "Construction of New R&D facility and increase in production capacity at S.F. No. 6pt,14pt,429pt,431pt,432pt,656pt,665pt & 663A pt, Plot No-A21, SIPCOT Industrial Park-Oragadam Panruti A & B Block Village, Sriperumbudur, Kancheepuram District, Tamilnadu by M/s. Allison Transmission India Pvt Ltd- under Category "B2" and Schedule S.No.8(a) "Building & Construction Projects" of the schedule to the EIA Notification, 2006, as amended- Issue of Environmental Clearance - Regarding.

Ref:

1. Online Proposal No SIA/TN/INFRA2/539591/2025, Dated: 29.05.2025
2. Application seeking Environmental Clearance dated 02.06.2025.
3. Minutes of the 575th SEAC meeting held on 09.06.2025
4. Project Proponent reply dated: 27.06.2025
5. Minutes of the 596th meeting of the SEAC held on 22.07.2025
6. Minutes of the 869th SEIAA meeting held on 11.08.2025

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25C3806TN5568882N
(ii) File No.	12240
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	8(a) Building / Construction
(vii) Name of Project	Construction of New R&D facility and Increase in production capacity at Allison Transmission India

		Existing	Nos Nos
	1	Factory building- Phase#1	
	2	Mezzanine	
	3	Toilet-1	
	4	Toilet-2	
	5	Office, lockers and creche-GF	
	6	Medical and canteen	
	7	Security office	
	8	Visitors and driver room	
	9	Substation inside 110 Kv	
	10	Control room	
	11	Fabrication room	
	12	Drum and barrel storage	
	13	ETP, Bin wash and STP	
	14	Solar evaporation pond	
	15	Methanol and Diesel storage	
	16	Transynd lubrication oil yard	
	17	Trash collection	
	18	Hazardous waste	
	19	Solid waste collection	
	20	LPG and ammonia cylinder storage yard	
	21	Nitrogen yard	
	22	Ammonia manifold	
	23	Ammonia vapourizer	
	24	Propane manifold	
	25	Cylinder storage	
	26	LPG manifold	
	27	Pump room	
	28	MV panel and DG room	
	29	DG set pad	
	30	Dock leveller inclusive of shipping area	
	31	Dock ramp up	
	32	Canopy in factory building	
	33	Factory building- Phase#2	
	34	Canopy	
	35	Ambulance parking	
	36	OHC	
	37	Toilet and lockers-1	
	38	Toilet and lockers-2	
	39	Center of excellence	
	40	Covered pathway	
	41	MV panel room	
	42	Canopy	
	43	Garbage and plastic room	
	44	Canopy	
	45	Chemical storage	
	46	Canopy	
	47	Admin building GF	
	48	Canopy	
	49	Admin building FF	
	50	Canopy	
		Additional	
	51	R&D Building	

	Requirement i. Fresh water requirement i. Treated recycled water requirement	52.98 (existing: 38.28 & additional: 14.70)	KLD
22.	Fresh water requirement i. Domestic ii. Flushing iii. Process iv. Greenbelt v. Chiller	50 (existing: 34.53 & additional: 15.47) 0 5.37 (existing: 3.97 & additional: 1.4) 50.76 (existing: 64.76 & additional: -14) 0 (Existing: 1 & additional: -1)	KLD KLD KLD KLD KLD
23.	Treated Water Requirement i. Greenbelt ii. Process iii. Chillers	47.5 (existing: 33.5 & additional: 14) 4.23 (existing: 4.78 & additional: -0.55) 1.25 (existing: 0 & additional: 1.25)	KLD KLD
24.	Source for Fresh Water Requirement	SIPCOT & Rain water harvesting pond	
25.	Wastewater Generation	Sewage: 50 (Existing: 33.5 & additional: 16.5) Effluent 9.6 (existing: 8.75 & additional: 0.85)	KLD
26.	Treated Water Available for Reuse i. Treated Water Recycled ii. Surplus treated water	52.98 (existing:38.28 & additional: 14.70) Nil	KLD KLD

TREATMENT & DISPOSAL SYSTEM

27.	Proposed Capacity of STP	Description	Population	Waste water (KLD)	Treatment Method	MLD
				Construction Phase		KLD
		Domestic	100 Nos.	4.1	Sewage will be treated through the existing (44 KLD) STP. Treated water will be reused for green belt Development.	
				Operation Phase		
				Sewage:		
		Existing	562	33.5	Existing Sewage & canteen waste water is being send to Existing STP (44 KLD) and Treated sewage is being used for gardening.	
28.	Proposed Capacity of ETP	After expansion	800	50	Existing Sewage & canteen waste water will be send to Existing STP (44 KLD & Additional-35 KLD*) and Treated sewage will be used for gardening.	
					*PP stated additional STP 35 KLD is under installation as per CTE Obtained on 2024.	
		Effluent:	Water required	Waste water	Disposal method	

		Inorganic	97.16	42.84	140	Same will be followed after expansion also It is being collected and disposed through TNPCB Authorized recyclers. Same will be followed after expansion also		
		Total	242.90	107.10	350			
41.	Quantity of Sludge Generated from STP & Disposal	STP sludge of 7.9 Kg/day will be used as manure for Greenbelt development						KG/DAY
42.	Quantity of E-Waste Generation & Disposal	Items	Existing	After expa.	Disposal methods			
		E-waste	2.0 T/Ann	4.0 T/Ann	It is being disposed through TNPCB authorized recyclers (M/s. TES-AMM (INDIA) PVT LTD) and same will be followed after expansion also		TPA	
	Quantity of Hazardous waste Generation & Disposal	Name of Hazardous waste with Category No	Quantity (Tons / Annum) Existing as per CTO	Add.	Total after expan	Mode of disposal		
		5.1-Used or spent oil	51.3	3.7	55	Generation, Collection, Storage, Disposal to M/s. Keerthiga Chemicals Unit-II, Karur		
		5.2-Wastes or residues containing oil	27	13	40	Generation, Collection, Storage, Disposal to M/s. Tamil Nadu Waste Management Limited,		
		20.2 Spent solvents	0.7	0.8	1.5	Gummidipoondi	TPA	
		33.1-Empty barrels/containers/lines contaminated with hazardous chemicals / wastes	15	7	22	Generation, Collection, Storage, Disposal to M/s. Sree Renuka Traders (Partners in M/s. Chennai used empty drums and Barrels, Tiruvallur		
		35.3-Chemical sludge from waste water treatment	3	9	12	Generation, Collection, Storage, Disposal to M/s. Tamil Nadu Waste Management Limited,		
		35.4 Oil and grease skimming	3	9	12	Gummidipoondi		
		36.2 Spent carbon or filter medium for	0	3	3			

S. No	Tentative CER Activities	Amount (in Lakhs)
1	Chennakuppam Government Adidravitar Welfare High school Towards the overall Infrastructure development of the school and support activities	10

9. General Instructions:

(i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.

(ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

(iii) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.

(iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(v) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

(vi) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

10. This issue with an approval of the Competent Authority. For information on deliberations, refer to the minutes of SEAC and SEIAA available in the PARIVESH Portal.

Copy To

1. The Secretary, Ministry of Environment Forest & Climate Change, Government of India, Shastri Bhawan, New Delhi.
2. The Additional Chief Secretary to Government, Environment and Forests Department, Tamil Nadu.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. The Chairman, TNPC Board, 76, Mount Salai, Guindy, Chennai-32
5. EI Division, Ministry of Environment & Forests, Paryavaran Bhawan, New Delhi.
6. Integrated Regional Office of MoEF&CC, Sastri Bhawan, Chennai.
7. File Copy.

Annexure 1

Specific EC Conditions for (Building / Construction)

1. Seiaa Specific Conditions:

S. No	EC Conditions
1.1	i) The building plan & design should strictly adhere to LCA norms. ii) The building geometry, design & engineering should ensure congestion free atmosphere within

S. No	EC Conditions
	<p>14. The proponent shall provide elevator as per rules CMDA/DTCP.</p> <p>Database maintenance & audits</p> <p>15. The database record of Environmental conditions of all the events from pre- construction, construction and post-construction should be maintained in digitized format.</p> <p>16. The proponent should maintain Environmental audits to measure and mitigate Environmental concerns.</p> <p>Biodiversity</p> <p>17. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.</p> <p>18. The proponent shall adopt sustainability criteria to protect the micro-Environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.</p> <p>19. The proponent shall ensure utmost safety for the existing biodiversity, trees, flora & fauna and the critically endangered species & endangered species shall not disturb under any circumstances.</p> <p>20. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.</p> <p>21. The proponent shall adopt strategies to prevent birds getting hit by the high buildings.</p> <p>Safety measures</p> <p>22. The proponent should develop an emergency response plan & safety evacuation plan (including disabled people) in addition to the disaster management plan.</p> <p>23. All bio-safety standards, hygienic standards and safety norms of working staff to be strictly followed as stipulated in EIA/EMP.</p> <p>24. The disaster management/disaster mitigation standards& fire safety standards as prescribed by competent authorities.</p> <p>25. The proponent shall provide the emergency exit in the buildings.</p> <p>Water/Sewage</p> <p>26. The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal.</p> <p>27. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.</p> <p>28. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB & RO of MoEF&CC.</p> <p>29. The proponent shall ensure that provision should be given for proper utilization of recycled water.</p> <p>30. The project proponent shall adhere to storm water management plan as committed.</p> <p>Parking</p> <p>31. The project proponent shall provide sufficient parking space for the visitors and sufficient space shall be made inside the project area for free turn of vehicles, so as to avoid traffic congestion inside the premises. Separate In-gate and out gate shall be provided for the vehicular movement.</p> <p>Solid waste Management</p> <p>32. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.</p> <p>33. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.</p> <p>EMP</p> <p>34. The proponent shall strictly adhere to the EIA/EMP report.</p> <p>35. The proponent shall ensure that the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.</p> <p>Others</p> <p>36. As per the 'Polluter Pay Principle', the proponent will be held responsible for any</p>

AFFIDAVIT FURNHSED BY THE PROPONENT

I, **Mr. K.R.Moses, Managing Director** of **M/s. Allison Transmission India Private Limited** having a registered office at A-21, SIPCOT industrial Park, Oragadam, Sriperumbudur Taluk, Kanchipuram District-602105 for proposed “**Construction of New R&D facility and Increase in production capacity at Allison Transmission India Pvt Ltd, Oragadam**” at S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663A pt, Plot No-A21, SIPCOT Industrial Park-Oragadam, Panruti A & B Block Village, Sriperumbudur Taluk, Kancheepuram District & Tamil Nadu State, as per committee’s direction, we hereby take oath and state as under in this affidavit:

1. The detailed plot area break up is given below:

Area	Existing	Add	Total after expansion	%
Plot coverage	50162	1000	51162	46%
Road & Pavement	13600	0	13600	12%
Open Parking	8000	0	8000	7%
Green Belt	28075	0	28075	25%
Open and utility area	12423	-1000	11423	10%
Total (Sq.m)	112260	0	112260	100

Note: OSR is maintaining separately by SIPCOT

2. The detailed Built-up area break up is given below:

S.no	Description of location	Area in Sq.m		
		Existing as per CTE 2024/DTCP 2024	Additional	Total after Expansion
1	Factory building- Phase#1	19170.3	0	19170.3
2	Mezzanine	256.47	0	256.47
3	Toilet-1	92.58	0	92.58
4	Toilet-2	92.58	0	92.58
5	Office, lockers and creche-GF	2559.1	0	2559.1
6	Medical and canteen	1414	0	1414
7	Security office	88.3	0	88.3
8	Visitors and driver room	88.46	0	88.46
9	Substation inside 110 Kv	8.96	0	8.96
10	Control room	152.3	0	152.3

46	Canopy	13.5	0	13.5
47	Admin building GF	840.84	0	840.84
48	Canopy	60.14	0	60.14
49	Admin building FF	840.84	0	840.84
50	Canopy	60.14	0	60.14
51	R&D Building	0	1500	1500
Total		51259.4	1500	52759.4

3. Production capacity:

Name of Product	Total after Expansion Capacity (Nos/Month)
Pinion gear	120000
Sun gear	78500
Ring gear	45000
Transmission Assembly	4186
Transmission Assembly Housing component	1620
Transmission Assembly Component Such Valve body, Carrier, shaft, Rotating clutch, Turbine, Ground sleeve & Power take off (PTO) etc.,.	60000*
Total	309306

*This would vary from time to time based on the product cost / size / quantity requirements of the consumers.

4. During Construction phase, 100 KLD of water will be sourced from SIPCOT after proper approval.
5. Total water requirement after expansion will be 159.11 KLD in which fresh water is 106.13 KLD. Source of fresh water is SIPCOT& Rainwater collection pond.

Water requirement	Existing as per CTO			After expansion		
	Fresh water	Recycled water	Total	Fresh water	Recycled water	Total
Domestic Purpose	34.53	0	34.53	50	0	50
Greenbelt	64.76	33.5	98.26	50.76	47.5	98.26

Waste	Existing (kg/day)	Proposed (kg/d)	Total (kg/d)	Treatment / disposal method
Operation Phase				
Organic	145.74	64.26	210	It is being collected and disposed through SIPCOT bin and part of it was converted as manure through existing OWC. Same will be followed after expansion also
Inorganic	97.16	42.84	140	It is being collected and disposed through TNPCB Authorized recyclers. Same will be followed after expansion also
Total	242.90	107.10	350	
Solid waste generation during construction phase (100 Nos) - 60 kg/day				

As per CPHEEO Norms MSW generation: 0.45 kg/per capita /day (organic waste 60% & inorganic waste 40%).

8. Hazardous waste:

Hazardous waste generated within the unit is being collected and stored and disposed through TNPCB Authorized TSDF/recycler under Hazardous waste (Management and Transboundary) Rules 2016 and its amendment.

Name of Hazardous waste with Category No	Quantity (Tons / Annum)			Mode of disposal
	Existing as per CTO	Add.	Total after expan	
5.1-Used or spent oil	51.3	3.7	55	Generation, Collection, Storage, Disposal to M/s. Keerthiga Chemicals Unit-II, Karur
5.2-Wastes or residues containing oil	27	13	40	Generation, Collection, Storage, Disposal to M/s. Tamil Nadu Waste Management Limited, Gummidipoondi
20.2 Spent solvents	0.7	0.8	1.5	
33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	15	7	22	Generation,Collection, Storage,Disposal to M/s.SreeRenukaTraders(Partners in M/s. Chennaiused empty drums and Barrels, Tiruvallur

Rejected Component scrap- alloy steel	1.16	95	Disposed through Authorized vendor and recyclers.
Rejected Component scrap- aluminum	0.5	2.5	
Plastic waste (bins, pallets etc)	4	8	
General Trash	3	7	
Process chips cum burrs	140	140	
STP plant sludge	2	5	Used as a manure for Greenbelt

12. **Manpower:** Approximately 100 employees will be required for the construction Period inclusive of Workmen, Supervisors, Engineers, Architects and Managers. During Operation phase, it will be 800Nos (existing as per CTO-562(including 50 visitors) and Additional-238).
13. The total power requirement for the proposed project after expansion is 4410KVA (existing: 3410 KVA & additional: 1000 KVA). The supply will be provided by Tamil Nadu Electricity Board (Tamil Nadu Generation and Distribution Corporation Limited - TANGEDCO). Backup power will be provided by DG Sets of 2No x1010 KVA & 1Nos x250 KVA. Diesel engine driven fire pump (existing): 1x261 kw. Apart from that, Test stand for Testing Automatic transmission of 1x650 kVA is proposed.
14. About ~70% of total power is being sourced through renewable energy such as wind and solar. Same will be followed after expansion.
15. The proposed new building construction (R&D) will conform with IGBC Gold norms and IGBC certification will be obtained before Consent order.
16. No sewage water would be discharged through storm water drains.
17. One Reservoir of 2000 KL capacity is provided along with a storm water drain channel to recharge ground water table and pond water will be used for domestic, flushing & greenbelt development based on their availability. Excess runoff will find its way to external public drains in worst rainfall through SIPCOT common drain.
18. All mitigation measures will be followed for the flood management, Evacuation plan, Solid waste disposal and sewage & effluent treatment & disposal.
19. No waste of any type will be disposed-off in any other way other than the approved one and "Single use of Plastic" (SUP) will not be used within the plant.
20. Green Belt Area developed within the project site is 28075Sq.m (existing: 28075 & additional: 0) which is 25% of the Total Plot area. We already have 6411 trees (planted) within the site. The green belt area will be planted with trees of indigenous species.

2. The PP shall install STP as committed in the EMP and shall ensure that the treatment efficiency meets CPCB standards.
3. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water should not to be discharged outside the premises without the permission of the concerned authority.
4. As agreed by the project proponent, the CER cost is **Rs. 10,00,000 lakhs** and the amount shall be spent for the following activities as committed within a period of **1 year** from the date of issue of EC.

S. No	CER Activities	Amount (in Lakhs)
1	Chennakuppam Government Adi dravidar Welfare High school Towards the overall Infrastructure development of the school and support activities	10

SEAC STANDARD CONDITIONS:

Standard Environmental Clearance Conditions for Construction Projects - SEAC
<ol style="list-style-type: none"> 1. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed, if applicable. 2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP). 3. The proponent should provide sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same. 4. The project proponent should develop green belt as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. 5. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.

2. Air quality monitoring and preservation:

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. 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. The location of the DG set and exhaust pipe height

9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry

envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management:

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

5. A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human Health Issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.

5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st 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. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The 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 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, including the Hon'ble National Green Tribunal relating to the subject matter.
12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.

22. The Project Proponent has to provide adequate rain water harvesting pits as committed to recover and reuse the rain water during normal rains as reported.
23. The project activity should not cause any disturbance & deterioration of the local biodiversity.
24. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
25. All the assessed flora & fauna should be conserved and protected.
26. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
28. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
33. The safety measures proposed in the report should be strictly followed.

Part - B – Specific Conditions – Pre construction phase:

- 1. The project authorities should advertise with basic details 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 clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.**

- ix. Rain water harvesting system, etc. and it shall be made available to the owners
14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions – Construction phase:

1. Construction Schedule:

- i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.

2. Labour Welfare:

- i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.
- iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.

- i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. Construction Debris disposal:

- i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.
- ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

7. Diesel Generator sets:

- i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.
- ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.
- iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

8. Air & Noise Pollution Control:

- i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.

- iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.
- iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.
- vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

12. Fire Safety:

- i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.
- ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

13. Green Belt Development:

- i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.
- ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
- iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

14. Sewage Treatment Plant:

- i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is

2. Regular fire drills should be held to create awareness among owners/ residents.
3. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. Solar energy saving shall be increased to atleast 10% of total energy utilization.
6. The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.
7. The EMP cost 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
8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
11. The project activities should in no way disturb the manmade structures.
12. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
13. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
14. Raw water quality to be checked for portability and if necessary, RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions

the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.

27. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
28. 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.
29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.

Signature Not Verified

Digitally Signed by : A R Rahul Nadh IAS
Member Secretary, SEIAA

Date: 19/08/2025

ANNEXURE – 3

AMBIENT AIR MONITORING



NOISE MONITORING

ANNEXURE – 3 AMBIENT AIR MONITORING REPORTS

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)
Recognized by CPCB (MoEF & CC)
BIS FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page: 1 of 1

Name of the Client : **M/s. Allison Transmissions India (P) Ltd.**
Address of the Client : **No: A 21 Oragadam,
SIPCOT Industrial Park, Chennai - 600 053.**
Group : **Atmospheric Pollution**
Sample Name : **Ambient Air**
Sample Mark : **NA**
Sample Reference : **NA**
Sample Drawn By : **M/s. Hubert Enviro care Systems (P) Ltd.**
Sample Location : **North East Corner (Donfoss Corner)**
Environmental Conditions : **Temperature (°C) : 30.0 | Humidity (%) : 53.0**
Sampling Method & Plan : **IS 5182 Part 5 & Part 14**

UIR : **TC1231025000040423F**
Report No : **HECS/AP/039/120825**
Sample ID No : **120825107**
Sampling Date : **11/08/2025 To 12/08/2025**

Received Date : **12/08/2025**
Commenced Date : **12/08/2025**
Completed On : **20/08/2025**
Report Date : **20/08/2025**
Sample quantity : **NA**

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009
Discipline : Chemical					
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/NS/SOP/041 Issue No..01 Issue Date:01.03.2021	1 (24 hours) 0.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/NS/SOP/041 Issue No..01 Issue Date:01.03.2021	6 (Annual) 6 (Annual)
3	Nickel	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/NS/SOP/041 Issue No..01 Issue Date:01.03.2021	20 (Annual) 20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	3 (Annual) 3 (Annual)
5	Benzene (α) pyrene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 12: 2001	1 (Annual) 1 (Annual)
6	Ammonia as NH ₃	µg/m ³	7.88	IS 5182 (Part 25) 2018	400 (24 hours) 100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ: 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours) 2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	20.62	IS 5182 (Part 6) 2006	80 (24 hours) 40 (Annual)
9	Ozone as O ₃	µg/m ³	12.94	IS 5182 (Part 9) 1974	180 (1 hours) 100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	53.65	IS 5182 (Part 23) 2006	100 (24 hours) 60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.70	IS 5182 (Part 24) 2019	60 (24 hours) 40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	13.13	IS 5182 (Part 2) 2001	80 (24 hours) 50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, ng/m³- Milligrams per cubic meter, µg/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009



D.Anusuya
Lab Manager
Authorized Signatory

1. The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise instructed. 3. Unless specifically requested by customer the test data will not be released more than 15 days from the date of issue of test report. 4. Under no circumstances HECS accepts any liability or loss/damage caused by use or misuse of test report after invoicing or issue of test report. 5. The test results relate only to the test items.

HECS-G/O/FMT/049

ANNEXURE – 3

AMBIENT AIR MONITORING REPORTS

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru VI Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)
Recognized by CPCB (MoEF & CC)
BIS FSSAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page 1 of 1

Name of the Client : M/s. Allison Transmissions India (P) Ltd.,
Address of the Client : No. A 21 Oragadam,
Sipcot Industrial Park, Chennai - 600 053,
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : NA
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Security Office
Environmental Condition : Temperature (°C) : 31.2 | Humidity (%) : 54.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC/123102500043923Y
Report No : HECS/AP/24/060925
Sample ID No : 060925084
Sampling Date : 05/09/2025 To 06/09/2025

Received Date : 06/09/2025
Commenced Date : 06/09/2025
Completed On : 11/09/2025
Report Date : 11/09/2025
Sample quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009
Discipline : Chemical					
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/041 Issue No:01 Issue Date:01.03.2024	1 (24 hours) 0.5 (Annual)
2	Arnic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No:01 Issue Date:01.03.2024	6 (Annual) 6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No:01 Issue Date:01.03.2024	20 (Annual) 20 (Annual)
4	Benzene-AAQ	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	3 (Annual) 3 (Annual)
5	Benz (a) pyrene-AAQ	ng/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 12: 2004	1 (Annual) 1 (Annual)
6	Ambient as NH ₃	µg/m ³	8.23	IS 5182 (Part 25) 2018	400 (24 hours) 100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ:0.05)	IS 5182 (Part 10) Clause 4 1999	3 (1 hours) 2 (8 hours)
8	Nitrogen dioxides as NO ₂	µg/m ³	21.67	IS 5182 (Part 6) 2006	80 (24 hours) 40 (Annual)
9	Ozone as O ₃	µg/m ³	11.85	IS 5182 (Part 9) 1974	180 (1 hours) 100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	20.33	IS 5182 (Part 23) 2018	100 (24 hours) 60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	26.78	IS 5182 (Part 24) 2019	60 (24 hours) 30 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	8.20	IS 5182 (Part 2) 2001	80 (24 hours) 50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, ng/m³- Nanograms per cubic meter, mg/m³- Milligrams per cubic meter, µg/m³- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.







Dr. Rajkumar Samuel
Director Technical
Authorized Signatory

1. This report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unless or otherwise mentioned. 3. Unless specifically requested by customer the test items will not be released more than 12 days from the date of issue of test report. 4. User or circumstances may accept any liability or loss/damage caused by use or misuse of test report after sending or issue of test report. 5. The test results relate only to the test items.

HECS-G/Q/FM/049

ANNEXURE – 3

AMBIENT NOISE LEVEL MONITORING

<p>Hubert Enviro Care Systems (P) Ltd. A-21, III Phase, Thiru VI Ka Industrial Estate, Guindy, Chennai - 600 032. Ph: 42985555 / 43635555 Fax : 42985500 E-mail : labaaales@hecs.in</p>		<p>Laboratory Services Division (Chemical & Biological Testing) Recognized by CPCB (MoEF & CC) BIS FSSAI Notified Laboratory ISO 9001, 14001 & 45001 Certified.</p>																																				
<p>TEST REPORT Page 1 of 1</p>																																						
<p></p> <p>Name of the Client : M/s. Allison Transmissions India (P) Ltd.,</p> <p>Address of the Client : No: A 21 Oragadam, Sipeot Industrial Park, Chennai - 600 053, Group : Atmospheric Pollution</p> <p>Sample Name : Noise Levels (Excluding vibration) Sample Mark : Ambient Noise Sample Reference : NA Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd. Sample Location : NA</p> <p>Environmental Condition : Temperature (°C) : 28.3 ; Humidity (%) : 55.0 Sampling Method & Plan : IS 9989:1981</p>	<p>ULR : TC1231025000043436F Report No : HEC/SA/22/060925 Sample ID No : 060925075 Sampling Date : 06/09/2025</p> <p>Received Date : 06/09/2025 Commenced Date : 06/09/2025 Completed On : 10/09/2025 Report Date : 10/09/2025 Sample quantity : NA</p>																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S.No</th> <th>Location</th> <th>Day Time Noise level in dB (A)</th> <th>Night Time Noise level in dB (A)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Near Main Gate</td> <td>58.6</td> <td>56.7</td> </tr> <tr> <td>2</td> <td>Near Rain Water Pond</td> <td>61.7</td> <td>60.6</td> </tr> <tr> <td>3</td> <td>Near main Transformer</td> <td>62.3</td> <td>58.3</td> </tr> <tr> <td>4</td> <td>Near Methanol Storage Area</td> <td>57.7</td> <td>56.0</td> </tr> <tr> <td>5</td> <td>Near Garden Dump</td> <td>66.5</td> <td>63.1</td> </tr> <tr> <td>6</td> <td>Near Urban forest</td> <td>57.6</td> <td>53.4</td> </tr> <tr> <td>7</td> <td>Near Compressor Room</td> <td>73.8</td> <td>68.4</td> </tr> <tr> <td>8</td> <td>Near Parking Area</td> <td>62.1</td> <td>56.1</td> </tr> </tbody> </table>			S.No	Location	Day Time Noise level in dB (A)	Night Time Noise level in dB (A)	1	Near Main Gate	58.6	56.7	2	Near Rain Water Pond	61.7	60.6	3	Near main Transformer	62.3	58.3	4	Near Methanol Storage Area	57.7	56.0	5	Near Garden Dump	66.5	63.1	6	Near Urban forest	57.6	53.4	7	Near Compressor Room	73.8	68.4	8	Near Parking Area	62.1	56.1
S.No	Location	Day Time Noise level in dB (A)	Night Time Noise level in dB (A)																																			
1	Near Main Gate	58.6	56.7																																			
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6	Near Urban forest	57.6	53.4																																			
7	Near Compressor Room	73.8	68.4																																			
8	Near Parking Area	62.1	56.1																																			
<p>Note: Day Time - 6.00 am to 10.00 pm, Night Time - 10.00 pm to 6.00 am.</p>																																						
<p>Limits set by CPCB:</p> <p>1. Industrial Area : Day Time-75 dB (A), Night Time-70 dB (A).</p>																																						
<p>Remarks: The Noise Level meets the requirement of CPCB Limits. ***End of Report***</p>																																						
		<p> Dr. Rajkumar Samuel Director Technical Authorized Signatory</p>																																				
<p></p>																																						
<p>1. This report in full or part shall not be used for any promotional or publicity purpose without written approval by HECS organization. 2. Samples are not shown by HECS unless in otherwise mentioned. 3. Inquiries, specifically requested by customer the test items and not for statement more than 12 days from the date of issue of test report. 4. Show the circumstances like leakage and spillage or loss / damage caused by use or misuse of test report after receiving or before of test report. 5. The test results valid only to the test items.</p> <p style="text-align: right;">HECS-G-Q-FMT-049</p>																																						

ANNEXURE – 3

AMBIENT NOISE LEVEL MONITORING

Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,
Guindy, Chennai - 600 032.
Ph: 42985555 / 43635555 Fax : 42985500
E-mail : labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing)
Recognized by CPCB (MoEF & CC)
BIS FSGAI Notified Laboratory
ISO 9001, 14001 & 45001 Certified.



TEST REPORT

Page 1 of 1

U.I.R : TC1211025000039975F
Report No : HECS/NA/P/041/120825
Sample ID No : 120825109
Sampling Date : 12/08/2025

Name of the Client : M/s. Allison Transmission India (P) Ltd.,
Address of the Client : No: A 21 Oragadam,
SIPCOT Industrial Park, Chennai - 600 053.
Group : Atmospheric Pollution
Sample Name : Noise Levels (Excluding vibration)
Sample Mark : Ambient Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 32.0 | Humidity (%) : 52.0
Sampling Method & Plus : IS 9989:1981

Received Date : 12/08/2025
Commenced Date : 12/08/2025
Completed On : 16/08/2025
Report Date : 16/08/2025
Sample quantity : NA

S.No	Location	Day Time Noise level in dB (A)	Night Time Noise level in dB (A)
1	Near Main Gate	60.4	59.5
2	Near Rain water Pond	61.5	60.8
3	Near Main Transmission Area	59.8	58.9
4	Near Mechanical Storage Area	58.7	56.8
5	Near Garden Street	70.9	63.5
6	Near Main Forest	57.5	56.4
7	Near Compressor Room	71.8	69.1
8	Near Parking Area	64.2	53.4

Limit : Day Time - 6.00 am to 10.00 pm, Night Time - 10.00 pm to 6.00 am.

Limits set by CPCB:

L Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).

Remarks : The Noise Level meets the requirement of CPCB Limits.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory

1. This report in full or part shall not be used for any promotional or publicity purpose without written consent by HECSS organization. 2. Samples are not drawn by HECSS unless an advance reservation. 3. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of test report. 4. HECSS is not responsible for any liability or loss/damage caused by fire or misuse of test report after receiving of issue of test report. 5. The test results relate only to the test items. **HECS/G/Q/EMT/049**

ANNEXURE - 4

EMP WORKING STATUS

S.no	Description	PO number	Capital cost – (lakhs – INR)	Spending cost – YTD (lakhs - INR)
1	DG Stacks & acoustic enclosure and APC measures.	344596	20	19
2	STP System	340705 (Civil) & 342783	0	74
3	ETP System	340705 (Civil) & 342783	25	17
4	Green belt development	354028	0	20
5	Environmental monitoring	349544	1	0.1
6	Energy conservation measures	351982 351983 352590 348398 348399 354584	13	33
7	Rainwater harvesting pond & Storm water drain.	340705	4	9

ANNEXURE - 5

FORM 5 ACKNOWLEDGEMENT COPY

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31st March 2025.

PART-A

i. Name and address of the owner/occupier of the industry, operation, or process.

K.R. Moses,
Arlison Transmission India Pvt Ltd,
A21, SIPCOT Industrial Park,
Oragedam, Sriperumbudur Taluk,
Kanchipuram district-602 105.



ii. Industry category Primary- (STC Code) Secondary- (STC Code)-NA

iii. Production category - Large Scale Units.

iv. Year of establishment- 2009-10

v. Date of the last environmental statement submitted. - 10th Sep 2024

PART. B

Water and Raw Material Consumption:

i. Water consumption in m³/d

Process: As per attached annexure A

Cooling: As per attached annexure A

Domestic: As per attached annexure A



ANNEXURE – 6

WATER CONSUMPTION DETAILS

WATER CONSUMPTION (KL)				Remarks
Description	Aug-25	Sep-25	Total Consumption (KL)	
Project	152.6	141.7	294.3	Civil, domestic and Canteen usage

ANNEXURE - 6

RAINWATER HARVESTING POND WITH FLOW METER



**PROJECT WATER CONSUMPTION FLOW
METER**

ANNEXURE - 7

CER ACTIVITIES

CORPORATE ENVIRONMENT RESPONSIBILITY –
GOVT HIGH SCHOOL, CHENNAKUPPAM ORAGADAM



ANNEXURE - 7
CER ACTIVITIES
CORPORATE ENVIRONMENT RESPONSIBILITY –
GOVT HIGH SCHOOL, CHENNAKUPPAM ORAGADAM

S.no	PO Number	Items	Qts	unit	Per unit cost	Total cost (INR)
1	355444	PSF 114 Round Table, Available Colours:	10	EA	3,940	39400
2	355444	PSF 1118 Plastic Chairs, 4 Colours Avail	40	EA	644	25760
3	355932	Smart Board - Panel Board Installation	1	AU	8,000	8000
4	355932	School Related Technical Books	1	AU	17,600	17600
5	355932	Transport Charges	1	AU	8,000	8000
6	355933	Ahuja SSA 160DP Amplifier (160watts)	1	EA	18,975	18975
7	355933	AHUJA PS400TM 16 Watt Speaker	1	EA	3,851	3851
8	355933	Zeb Jolt 100 (100 or 120 Watts) , Make	1	EA	19,990	19990
9	355933	Normal Wireless Mic ,Make : Generic	1	EA	1,725	1725
10	355933	ALTOS -Acer Group Company , Model No :A	5	EA	78,064	390320
11	355933	Spectra , OPS WITH INTEL® CORE™ I5- 1030	5	EA	29,700	148500
12	355933	PC Computer Full Set (Specification : In	1	EA	17,500	17500
13	355933	Nilkamal ,Plastic Chair ,armless Model N	100	EA	644	64400

ANNEXURE - 7
CER ACTIVITIES
CORPORATE ENVIRONMENT RESPONSIBILITY –
GOVT HIGH SCHOOL, CHENNAKUPPAM ORAGADAM

S.no	PO Number	Items	Qts	unit	Per unit cost	Total cost (INR)	
14	355933	Crompton Highspeed Torpedo Wall Fan	4	EA	2,415	9660	
15	355933	Rotating Chair	1	EA	3,850	3850	
16	355933	4 feet Office Wooden Table	1	EA	8,468	8468	
17	355933	Kent , Crystal Plus ,Ro Water purifier ,	1	EA	23,000	23000	
18	355933	BenQ , Projector ,Model No : MX560C	1	EA	35,049	35049	
19	356473	Transport Charges	1	EA	1,400	1400	
20	356629	Transport Charges	1	EA	3,500	3500	
		Total				848948	
		Tax (18%)				152811	
		Total cost (INR)					1001759

Category of the Industry :

ORANG
E



CONSENT ORDER NO. 2502264983477 DATED: 17/06/2025.

PROCEEDINGS NO.F.0006SPR/OL/DEE/TNPCB/SPR/A/2025 DATED: 17/06/2025

SUB: TNPC Board-Consent for Establishment – REVISED -M/S ALLISON TRANSMISSION INDIA PVT. LTD , S.F. No. Plot No. A-21, SIPCOT Industrial Complex, Oragadam, S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663Apt, PANRUTI A B BLOCK Village, Sriperumbudur Taluk, Kancheepuram District - for the establishment or take steps to establish the industry under Section 21 of the Air(Prevention and control of Pollution)Act,1981, as amended in 1987(Central Act, 14 of 1981)- Reg. (Industry User ID- R15SPR116867)

- REF:** 1) CTO (Expansion) Proc. No. F.SPR1102/OL/DEE/TNPCB/SPR/W&A/2012, dated 27.06.2012
 2) CTO (Expansion) Proc. No. F.0006SPR/ OL/ DEE/ TNPCB/ SPR/W&A/2022, dated 22.08.2022
 3) CTO (Expansion) Proc. No. F.0006SPR/ OL/ DEE/ TNPCB/SPR/W&A/2022, dated 01.12.2022
 4) CTE (Expansion) Proc. No. F.0006SPR/OL/DEE/TNPCB/SPR/W&A/2024, dated 03.01.2024
 5) Unit's application for CTE (Expansion - Revised) through OCMMS vide Application No. 64983477, dt. 13.02.2025
 6) IR No : F.0006SPR/OL/AEE/SPR/2025 dated 16.03.2025
 7) Minutes of the 46th ZLCCC Meeting held on 17.03.2025 (Item No. 46 – 01) at O/o. JCEE(M), Chengalpattu.
 8) Board Circular Memo No. T4/TNPCB/F.012443/EIA 2006/2025, dt. 30.05.2025.

Consent to establish or take steps to establish is hereby granted under Section 21 of the Air (Prevention and control of Pollution) Act,1981, as amended in 1987 and the Rules and Orders made there under to

The Managing Director,
 ALLISON TRANSMISSION INDIA PVT. LTD

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. Plot No. A-21, SIPCOT Industrial Complex, Oragadam, S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663Apt
 PANRUTI A B BLOCK Village,
 Sriperumbudur Taluk,
 Kancheepuram District.

This Consent to establish is valid upto **March 31, 2029**, or till the industry obtains consent to operate under Section 21 of the Air (Prevention and control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions enclosed.

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct 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.	Pinion gear	1440000	Numbers/Year
2.	Sun gear	942000	Numbers/Year
3.	Ring gear	540000	Numbers/Year
4.	Transmission Assembly	50232	Numbers/Year
5.	Transmission Assembly Housing component	19440	Numbers/Year
6.	Transmission Componenets	720000	Numbers/Year

2. This consent to establish is valid for establishing 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 has to be obtained if necessary.

7.	Jenfab Washer	Fugitive	Mist collector to trap oil particles	
8.	Cleantech washer	Fugitive	Mist collector to trap oil particles	
9.	Pieco washing m/c	Fugitive	Mist collector to trap oil particles	
10.	IPG Photonics welding	Fugitive	Fume extractor to collect fumes	
11.	Gleason genesis hobbing & shaving	Fugitive	Fume extractor to collect fumes	
12.	Surface grinding	Fugitive	Mist collector to trap oil particles	
13.	HP Washer - Expansion	Fugitive	Mist collector to trap oil particles	
14.	Hobbing Expansion	Fugitive	Mist collector to trap oil particles	
15.	Shaper Expansion	Fugitive	Mist collector to trap oil particles	
16.	Turning Expansion	Fugitive	Mist collector to trap oil particles	
17.	Spline Roller Expansion	Fugitive	Mist collector to trap oil particles	
18.	HMC Machineing Center Expansion	Fugitive	Mist collector to trap oil particles	
19.	Power Skiving Expansion	Fugitive	Mist collector to trap oil particles	
20.	Chamfer/Deburring Expansion	Fugitive	Mist collector to trap oil particles	
21.	OD/ID grinding Expansion	Fugitive	Mist collector to trap oil particles	

- 1) The unit shall commission the proposed expansion activity only after obtaining prior CTO (Expansion) of the Board.
- 2) As the unit has completed the construction of total built up area of 5.1946 Ha as per the previous CTE (Expansion), dated 03.01.2024, the unit shall not carry out any further construction activity without prior Consent of the Board.
- 3) The unit shall operate and maintain the existing Air Pollution Control measures such as such as Common Stack provided to the Carburizing Furnaces, Common Stack provided to the Tempering furnaces, Washers & Cooling tables, Stack provided to the Ammonia Neutralizer for Nitriders and Stacks provided to the Nitriders, Acoustic enclosures and stacks provided to the DG Sets (1010 KVA – 2 Nos and 250 KVA – 1 No) and Diesel engine driven fire pump (261kw) efficiently and continuously so as to achieve the Ambient Air Quality / Emission Standards prescribed by the Board.
- 4) The unit shall operate and maintain the existing Air Pollution Control measures efficiently and continuously so as to achieve the Ambient Air Quality / Emission Standards prescribed by the Board.
- 5) The unit shall provide Air Pollution Control measures such as individual Mist Collectors to trap Oil particles to arrest the fugitive emission sources in the expansion activity as proposed.
- 6) The unit shall adhere to the Ambient Noise Level Standards prescribed by the Board.
- 7) The unit shall develop green belt by planting tall tree saplings (Kurunkadugal Scheme) [1000 saplings shall be planted in each Kurunkadu with spacing of 5x5 m for each tree and sapling should be 5 to 7 ft height] within the unit's premises.
- 8) The unit shall not use single use plastics banned by Government of Tamil Nadu vide G.O (Ms) No. 84, Environment and Forest (EC.2) Department, dated 25.06.2018 and Government of India vide MoEF&CC Notification No. G.S.R. 571 (E) dated 12.08.2021.
- 9) In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
- 10) This Consent Order does not absolve the unit from obtaining necessary Permission / Clearance from other Authority or under other Statutes as applicable.

Category of the Industry :

**ORANG
E**



CONSENT ORDER NO. 2502164983477 DATED: 17/06/2025.

PROCEEDINGS NO.F.0006SPR/OL/DEE/TNPCB/SPR/W/2025 DATED: 17/06/2025

SUB: TNPC Board-Consent for Establishment – REVISED -M/S ALLISON TRANSMISSION INDIA PVT. LTD), S.F. No. Plot No. A-21, SIPCOT Industrial Complex, Oragadam, S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663Apt, PANRUTI A B BLOCK Village, Sriperumbudur Taluk, Kancheepuram District. - for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution)Act,1974, as amended in 1988(Central Act 53 of 1988)–Issued- Reg. (Industry User ID- R15SPR116867)

- REF:** 1) CTO (Expansion) Proc. No. F.SPR1102/OL/DEE/TNPCB/SPR/W&A/2012, dated 27.06.2012
 2) CTO (Expansion) Proc. No. F.0006SPR/ OL/ DEE/ TNPCB/ SPR/W&A/2022, dated 22.08.2022
 3) CTO (Expansion) Proc. No. F.0006SPR/ OL/ DEE/ TNPCB/SPR/W&A/2022, dated 01.12.2022
 4) CTE (Expansion) Proc. No. F.0006SPR/OL/DEE/TNPCB/SPR/W&A/2024, dated 03.01.2024
 5) Unit's application for CTE (Expansion - Revised) through OCMMS vide Application No. 64983477, dt. 13.02.2025
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 8) Board Circular Memo No. T4/TNPCB/F.012443/EIA 2006/2025, dt. 30.05.2025.

Consent to establish or take steps to establish is hereby granted under Section 25 of the Water (Prevention and control of Pollution) Act,1974, as amended in 1988(Central Act 53 of 1988) (hereinafter referred to as 'The Act') and the Rules and Orders made there under to

The Managing Director,
 ALLISON TRANSMISSION INDIA PVT. LTD

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. Plot No. A-21, SIPCOT Industrial Complex, Oragadam, S.F. No. 6pt, 14pt, 429pt, 431pt, 432pt, 656pt, 665pt & 663Apt
 PANRUTI A B BLOCK Village,
 Sriperumbudur Taluk,
 Kancheepuram District.

This Consent to establish is valid upto **March 31, 2029**, or till the industry obtains consent to operate under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 whichever is earlier subject to special and general

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct 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.	Pinion gear	1440000	Numbers/Year
2.	Sun gear	942000	Numbers/Year
3.	Ring gear	540000	Numbers/Year
4.	Transmission Assembly	50232	Numbers/Year
5.	Transmission Assembly Housing component	19440	Numbers/Year
6.	Transmission Componentets	720000	Numbers/Year

2. The unit shall provide Sewage Treatment Plant and /or Effluent Treatment Plant as indicated below.

3. This consent to establish is valid for establishing the facility with the below mentioned 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 : Sewage			
1.	Sewage	50.0	On land for gardening
Effluent Type : Trade Effluent			
1.	Trade Effluent-1 (RO Permeate)	5.48	Recycling to process
2.	Trade Effluent-2 (RO Reject)	2.22	Solar Evaporation Pans

4. **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.

The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.

5. **Additional Conditions:**

GENERAL CONDITIONS

1. This consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

To

The Managing Director,
M/s.ALLISON TRANSMISSION INDIA PVT. LTD,
Allison Transmission India Pvt. Ltd
A-21, SIPCOT Industrial Park, Oragadam,
Sriperumbudur Taluk, Kancheepuram Dist.,

Pin: 602105

Copy to:

- 1.The Commissioner, KANCHEEPURAM-Panchayat Union, Sriperumbudur Taluk, Kancheepuram District .
2. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information.
3. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR for favour of kind information.
4. File

Signature Not Verified



Digitally Signed By :Purushothaman V
District Environmental Engineer
Tamil Nadu Pollution Control Board,
SRIPERUMBUDUR

Date: 2025.06.18 08:50:37 IST

ANNEXURE - 9

GREEN BELT DEVELOPMENT



 Allison Transmission. CLIENT	ALLISON TRANSMISSION INDIA PVT LTD	 HECS CONTRACTOR
	35KLD- STP AT ORAGADAM	

S.No	INDEX	Pg.No
1	Project & Business Objectives	3
2	Scope of Work	3
3	Flow rate logistics	3
4	Quality logistics	4
5	Battery Limit	4
6	Process Description	5
7	Technical Specifications for Electromechanical Works	6



CLIENT

ALLISON TRANSMISSION INDIA PVT LTD

35KLD- STP AT ORAGADAM





CONTRACTOR

4.0 Quality Logistics

S.No	Parameter	Units	STP Inlet	STP Outlet
1	pH	-	6.5 - 9.0	6.5 - 8.5
2	BOD	Mg/l	300	< 10
3	COD	Mg/l	700	<30
4	Total suspended solids	Mg/l	200	< 10
5	Oil & Grease	Mg/l	50	-
6	Total Nitrogen	Mg/l	-	10
7	Total Phosphorus	Mg/l	-	1.0

5.0 Battery Limit

1. Incomer Electrical power – 415 Volts, 3 Phase and 50 Hz.
2. Power incomer to our panel & earthing to our panel is under Client Scope.
3. All civil works including Structural design is under Client scope.
4. Cabling from STP Electrical panel to individual equipments is under HECS scope.
5. Water & Power required during Construction & commissioning of plant is under Client Scope.
6. Landscaping is under Client scope.
7. Lockable store will be provided by the client. Safety of equipments within the site is under HECS scope.
8. Power & Water required during Erection of equipments is under Client scope.
9. Road, Pathway, fencing wall, Transformers in plant area etc is under Client scope.

 CLIENT	ALLISON TRANSMISSION INDIA PVT LTD	 CONTRACTOR
	35KLD- STP AT ORAGADAM	

Significance of Anoxic Tank

Anoxic tanks are an essential part of sewage treatment plants (STPs) because they help remove nitrogen from sewage. Nitrogen is a major pollutant in sewage, and if not handled properly, it can harm the ecosystem. Anoxic system help remove nitrogen through a process called denitrification, which converts nitrates into nitrogen gas in the absence of oxygen.

The anoxic system also aids in the removal of ammonia nitrogen by providing an environment for autotrophic bacteria to oxidize ammonia to nitrate. At outlet of anoxic system is the Nitrogen is less than 10 ppm.

As per Ministry of Environment and forest (MOEF) new guide line 2019 Total nitrogen less than 10 ppm



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**TECHNICAL SPECIFICATIONS
FOR
ELECTROMECHANICAL WORKS
(HECS SCOPE)**

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STP WITH MBBR TECHNOLOGY		
Datasheet of Raw Sewage Transfer Pump		
S.No	Description	Project Specification
Raw Sewage Transfer Pump Data		
1	Quantity	2 Nos (1W+1S)
2	Type	Centrifugal
3	Capacity	2 m ³ /hr
4	Head	10mWC
5	MOC	CI
6	Rating	0.75 kW
7	Efficiency	IE2
8	Power, Voltage / Frequency	3 Phase, 415 v +/- 10%, 50 Hz +/- 10%
9	Model	SP 05M
10	Make of Pump	Kirloskar
11	Accessories	Common Base Frame, Pressure Guage, Discharge NRV & Valves.
12	Equlization tank size	3M Lx 3M W x (4.0M LD +0.7M FB)

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STP WITH MBBR TECHNOLOGY		
Datasheet of Air Blowers - Aeration Tank & Sludge Holding Tank		
S.No	Description	Project Specification
Blower Data		
1	Quantity	2 Nos (1W + 1S)
2	Type	Twin Lobe
3	Type of Cooling	Oil Cooled Compressor
4	Capacity	30 CFM
5	Pressure	0.40 kg/cm ²
6	Type of Drive	V - Belt
7	Make	KAY International / Everest
Motor Data		
8	Power, Voltage / Frequency	3 Phase, 415 v +/- 10%, 50 Hz +/- 10%
9	Make of Motor	Kirloskar / Equivalent
10	Speed	1440 RPM
11	Accessories	Base Frame, Pressure Guage, Discharge NRV & Valves.

STP WITH MBBR TECHNOLOGY		
Datasheet of Anoxic Tank Agitator		
S.No	Description	Project Specification
Anoxic Tank Agitator Data		
1	Quantity	1 Nos
2	Type	Impeller
3	Speed	60 - 90 RPM
4	MOC	SS304
5	Make	HECS



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STP WITH MBBR TECHNOLOGY**Datasheet of Sludge Transfer and Recirculation Pump**



S.No	Description	Project Specification
Sludge Transfer and Recirculation Pump Data		
1	No of Pumps	2 Nos (1W + 1S)
2	Type	Self Priming
3	Capacity	2 m ³ /hr
4	Head	9 MWC
5	Rating	0.75 kW
6	Efficiency	IE2
7	Power, Voltage / Frequency	3 Phase, 415 v +/- 10%, 50 Hz +/- 10%
8	MOC	CI
9	Model	SP 0M
10	Make	Kirloskar
11	Accessories	Common Base Frame, Pressure Guage, Discharge NRV & Valves.
12	Sludge houlding tank	2.0M Lx 2.0M W x (4.0M LD +0.7M FB)

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STP WITH MBBR TECHNOLOGY Datasheet of Filter Feed Pump		
S.No	Description	Project Specification
Filter Feed Pump Data		
1	Quantity	2 Nos (1W+1S)
2	Type	Centrifugal
3	Capacity	2 cum/hr
4	Head	30mWC
5	MOC	CI
6	Rating	0.75 kW
7	Efficiency	IE2
8	Power, Voltage / Frequency	3 Phase, 415 v +/- 10%, 50 Hz +/- 10%
9	Make	Kirloskar
10	Accessories	Common Base Frame, Pressure Guage, Discharge NRV & Valves.
11	UF feed tank	3.0M Lx 1.8 M W x (4.0M LD +0.7M FB)

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STP WITH MBBR TECHNOLOGY		
Datasheet of Activated Carbon Filter		
S.No	Description	Project Specification
Activated Carbon Filter (ACF)		
1	Quantity	1 No
2	Capacity	2 m3/hr
3	Pressure	5 kg/cm ²
4	Diameter	500 mm
5	Height of Strait	1500 mm
6	Backwash Time	10 mins
7	Valve Type	Multiport Valve
8	Media	Activated Carbon IV-900
9	Media Quantity	100 kgs
10	Frontal Piping MOC	UPVC
11	MOC of ACF	MS-FRP
12	Make	HECS
13	Accessories	Pressure Gauges, Isolation Valves, Drain Lines, Air Vent

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STP WITH MBBR TECHNOLOGY		
Datasheet of Bag Filter		
S.No	Description	Project Specification
Bag Filter Data		
1	Quantity	1 Nos
2	Type	Bag Filter
3	Size	100 microns
4	Operating Flow	2 m ³ /hr
5	Make	HECS

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STP WITH MBBR TECHNOLOGY Datasheet of UF Backwash Pump		
S.No	Description	Project Specification
UF Backwash Pump Data		
1	No of Pumps	2 Nos (1W + 1S)
2	Type	Centrifugal Monobloc
3	Capacity	8 m ³ /hr.
4	Head	30 MWC
5	Rating	1.5 kW
6	Power, Voltage / Frequency	3 Phase, 415 v +/- 10%, 50 Hz +/- 10%
7	Efficiency	IE2
8	MOC	CI
9	Model	SP 02M
10	Make	Kirloskar
11	Accessories	Common Base Frame, Pressure Guage, Discharge NRV & Valves.

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STP WITH MBBR TECHNOLOGY		
Datasheet of HCl Dosing System		
Sl.No	Description	Project Specification
HCl Dosing Pump Data		
1	Quantity	1 Nos
2	Pump Type	Electronic Diaphragm
3	Capacity	0 - 5 LPH
4	Pressure	3 kg/cm ²
5	Pump Make	Edose
HCl Dosing Tank Data		
6	Dosing Tank Capacity	100 Litres
7	MOC of Tank	LDPE
8	Make	HECS

STP WITH MBBR TECHNOLOGY		
Datasheet of Hypo Dosing System		
Sl.No	Description	Project Specification
Hypo Dosing Pump Data		
1	Quantity	1 Nos
2	Pump Type	Electronic Diaphragm
3	Capacity	0 - 5 LPH
4	Pressure	3 kg/cm ²
5	Pump Make	Edose
Hypo Dosing Tank Data		
6	Dosing Tank Capacity	100 Litres
7	MOC of Tank	LDPE
8	Make	HECS



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35KLD- STP AT ORAGADAM





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STP WITH MBBR TECHNOLOGY

Datasheet of Poly Dosing System for Filter Press Feed Tank

Sl.No	Description	Project Specification
Poly Dosing System		
1	Quantity	1 Nos
2	Pump Type	Electronic Diaphragm
3	Capacity	0 - 5 LPH
4	Pressure	3 kg/cm ²
5	Pump Make	Edose
6	Dosing Tank Capacity	50 Litres
7	Type	White Sintex
8	MOC of Tank	LDPE

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STP WITH MBBR TECHNOLOGY		
Datasheet of Pressure Gauge		
S.No	Description	Project Specification
Pressure Gauge Data		
1	Quantity	1 Lot
2	Range	0 - 7 kg/cm ²
3	MOC	SS304 with Glycerin Filled
4	Make	H-Guru / Equivalent

STP WITH MBBR TECHNOLOGY		
Datasheet of Digital Flow Meter		
S.No	Description	Project Specification
Digital Flow Meter Data		
1	Quantity	2 Nos
2	Pressure Rating	PN10
3	Location	STP Inlet & Outlet
4	MOC	Cast Aluminium (IP52)
5	Model	Magflow 650
6	Make	Aster

ANNEXURE - 11



TEMPORARY TOILET FACILITY AT PROJECT SITE

SAFETY AWARENESS SESSION



SOLAR WATER HEATER