

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

Proposal No	SIA/KA/INFRA2/467368/2024
Compliance ID	128882927
Compliance Number(For Tracking)	EC/COMPLIANCE/128882927/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	01-06-2025
RO/SRO Name	Shri S Senthil Kumar
RO/SRO Email	jk083.ifs@nic.in
State	KARNATAKA
RO/SRO Office Address	Integrated Regional Offices, Bengaluru

Note:- SMS and E-Mail has been sent to Shri S Senthil Kumar, KARNATAKA with Notification to Project Proponent.

Date: 30th May 2025

To,

**Deputy Director General of Forests (c).
Ministry of Environment, Forest and Climate Change,
Integrated Regional office Kendriya Sadan, 4th floor, E&F wings, 17th Main road,
Koramangala II Block, Bangalore - 560034**

Dear Sir /Madam,

**Subject: Half yearly compliance status report of Toyota Kirloskar Motor Pvt Ltd. for the period of
1st October 2024 to 31st March 2025.**

Ref : EC No. SEIAA: 13: CON: 2024 dated, 16/11/2024.

We would like to inform you that TKM has received EC (SEIAA 13 CON 2024 dt: 16/11/2024) for vehicle expansion project and TKM is submitting half yearly compliance report for the period of 1st October 2024 to 31st March 2025 against prescribed conditions in the received EC.

Thank you for your continuous support towards environment-related activities.

Yours faithfully

CK SRINIVASA

CK SRINIVASA (May 30, 2025 21:33 GMT+5.5)

Manager

Plant/ Corporate Environment Department.

Toyota Kirloskar Motor Pvt. Ltd.

CC to:

1. Principal Secretary, Department of Ecology and Environment, Government of Karnataka
2. Environment officer, Karnataka State Pollution Control Board, Regional Office, Ramanagara

Public
COMPLIANCE STATUS AGAINST EC CONDITIONS (Nov'24 to Mar'25)

	Particulars	Information
	New/Expansion/Modification/Renewal	Expansion SEIAA 168 CON 2012 dated 11.01.2013 Corrigendum dated 12.07.2021 & 01.12.2023.
	EC condition	
1	Built Up area (Sq.m)	5,28,063 Sq. m. (Existing) 1,96,619 Sq.. (Proposed Expansion) Total= 7,24,682 Sq..
	TKM compliance status	
	TKM will ensure that the built-up-area will increase the approved value	

Water		
1	Construction Phase	
	Source of water	KIADB
	Quantity of water for Construction in KLD	150 KLD
	Quantity of water for Domestic Purpose in KLD	123.50 KLD
	Waste water generation in KLD	112 KLD
	Treatment facility proposed and scheme of disposal of treated water	Existing Common ETP of capacity 5957 KLD
TKM is monitoring water consumption on a daily basis, the water consumption summary is attached - refer annexure 1		

Power									
b.	Number of DG set and capacity in KVA for standby power supply								
	<table><tr><th>Existing DG Sets (No's & Capacity)</th><th>Additional DG Sets (No's & Capacity)</th><th>Total Capacity of DG Sets (No's & Capacity)</th></tr><tr><td>(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW</td><td>No additional DG sets. The existing DG sets will later be replaced with Battery Energy storage system of capacity 6 MW by Dec'24</td><td>(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW</td></tr></table>	Existing DG Sets (No's & Capacity)	Additional DG Sets (No's & Capacity)	Total Capacity of DG Sets (No's & Capacity)	(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW	No additional DG sets. The existing DG sets will later be replaced with Battery Energy storage system of capacity 6 MW by Dec'24	(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW		TKM will replace the existing D.G sets with battery storage and the plan is to start the installation from Jun'25. TKM will update the implementation status in the upcoming half-yearly report.
	Existing DG Sets (No's & Capacity)	Additional DG Sets (No's & Capacity)	Total Capacity of DG Sets (No's & Capacity)						
(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW	No additional DG sets. The existing DG sets will later be replaced with Battery Energy storage system of capacity 6 MW by Dec'24	(5 Nos. 8.5 MW) DG-1 2.5 MW DG-2 2.5 MW DG-3 0.8 MW DG-4 2.69 MW DG-5 0.01 MW							

Statutory Compliance		TKM status
i)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.		TKM has obtained all the necessary clearance / permission from all relevant agencies before commencement of work.
ii)The approval of the Competent Authority shall be obtained for structural safety of the constructions due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.		TKM has obtained all the approval from competent authority for structural safety
iii)The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of diversion of forest land for non forest purpose involved in the project		Not applicable
iv)The proponent shall obtain clearance from the National Board for Wildlife, if applicable.		Not applicable
v)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.		TKM has obtained valid Consent for expansion from KSPCB - Annexure 2
vi)The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority		Not applicable
vii)A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.		TKM has taken power supply approval from BESCO - letter is attached for your reference - Annexure 3 For new plant, expansion application has been submitted and approval is under progress, once the approval is received the copy will be submitted along with the half year compliance report.
viii)All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.		TKM considering new plant, has applied for fire NOC and once the approval is received TKM will submit the copy along with the Half yearly returns.
ix)The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.		TKM will ensure compliance to SWM rules, E-waste management rules and Plastic waste management rules

x)The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	TKM is aligned with IGBC guidelines for plant-3 and working towards obtaining platinum certification
2. Air Quality Monitoring and preservation	
i)Notification GSR 94(E) dated 25.01.2018 of MoEFCC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	TKM has taken dust prevention measures at the construction site > raised barrications at the boundaries of height 3m > sprinkle of water at the non paved areas > provided dust prevention masks for the construction workers
ii)A management plan shall be drawn up and implemented to contain the current exceedance if any in ambient air quality at the site.	AAQ at the site is monitored once in 3 months, all the parameters are within the prescribed limit. If any such exceedance TKM will prepare a management plan and implement to ensure compliance - annexure
iii)The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	AAQ is monitored at the construction site once in 3 months both upstream and downstream for all the parameters - Annexure 4
iv)Diesel power generating sets proposed as source of backup power 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. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board	Diesel power generators installed at construction site for the backup and the usage is very minimal. The D.G sets have acoustic enclosures and chimney heights are as per the CFO requirements - annexure 5
v)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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	The construction site is barricaded with sheets of height 3m before the construction begins. TKM has taken measures like > unpaved areas are sprinkled with water to prevent dust > No raw materials like sand, murram cement etc. are brought or stored inside TKM, because pre fabricated and mounted ready materials are used for construction.
vi)Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution	Raw materials like sand, Murram, loose soil, cement etc. are not stored at the construction site, because pre fabricated and mounted ready materials are used for construction.
vii)Wet jet shall be provided for grinding and stone cutting	No grinding and stone cutting activity is planned at the construction site
viii)Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust	The unpaved lands are sprinkled with water - refer the attached image
ix)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.	TKM will ensure compliance to Construction and demolition waste management rules
x)The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to standards prescribed under Environmental (Protection) Rules for air and noise emission standards	> the fuel used for the D.G sets at the construction site are having less sulphur content and now TKM has obtained power connection and only 1 D.G set is kept at the site as a backup.
xi)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.	The D.G sets installed at the construction site are having stack height in-line with the CFO standards.
Water Quality monitoring and preservation	
i)The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swailes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Not applicable, since TKM site do not have a natural drain.
ii)Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Not applicable
iii)Total fresh water use shall not exceed the proposed requirement as provided in project details.	Everyday the water usage is monitored and TKM ensure that the water consumption for construction activity is well within the prescribed limit - annexure - 1

iv) ^{Public} The quantity of fresh water 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, MoEFCC along with six monthly Monitoring reports.	Water balance for new plant is attached - Annexure
v) A certificate shall be obtained from local body supplying water, specifying the total annual water availability with local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available, this should be specified separately for ground water and surface water sources, ensuring that there is no impact on the other users.	The water usage for construction is very less, as we receive all fabricated and reinforced materials, so at the site no much water is used. water is procured for drinking and domestic usage of the construction workers at the site and the water is obtained from an authorized vendor.
vi) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Noted, and the same shall be incorporated in the design of walk paths, open spaces etc. in the new plant.
vii) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	TKM ensure installation of dual pipe plumbing for supplying fresh water for drinking and cooking, and recycled water supply for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc
viii) 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 project area.	TKM will use 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 project area.
ix) 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.	Noted
x) The project proponent shall identify a suitable source of treated water for construction and submit an MOU/Agreement with such suppliers. If so the supplier identified shall be responsible for treatment of water with appropriate technology to the standards required for constriction purpose.	The water usage for construction is very less, as we receive all fabricated and reinforced materials. The water is procured from an authorized vendor who is having NOC obtained from local authority
xi) The project proponent has installed Rain Water Harvesting structure of 18 Nos. recharge structures (12 Nos Point Recharge Structure + 6 Nos Invert Borewells) of capacity 1,39,648.46 Cum are distributed throughout the project site, Storage improvement by lined Rain Water harvesting pond from 25,000 Cum to 33,000 cum. and unlined pond of capacity 26,000 Cum (existing) and formation of additional pond of capacity 4531.8 Cum (proposed) are meant for ground water recharge within the project boundary or the local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. (whichever is higher).	TKM has established rain water harvesting structure of capacity of 4531.8 m3 and additionally TKM is planning to install recharge pits after completion of construction activity. The exact number of recharge pits installed for the new project area will be communicated upon completion of the activity.
xii) The ground water shall not be withdrawn without approval from the Competent Authority.	TKM ensure no groundwater is extracted and used in the construction activity.
xiii) All recharge should be limited to shallow aquifer	TKM will ensure that the recharge pits will be limited to shallow aquifer
xiv) No ground water shall be used during construction phase of the project.	TKM will not extract the groundwater and use for the construction phase of the project
xv) 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.	TKM will ensure no groundwater is extracted and used in the construction activity.
xvi) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance. The record shall be submitted to the Regional Office, MoEFCC along with six monthly Monitoring reports	TKM do not use water for the construction activity, since fabricated and enforced materials are procured. Water is used for domestic purpose and as a dust prevention sprinkling at the site, the same quantity is monitored on a daily basis
xvii) Sewage shall be treated in the STP based on MBBR/SBR Technology with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, landscaping and HVAC cooling. No treated water shall be discharged to municipal drain	The sewage water will be passed through screening to remove large materials, then the sewage water will be mixed with pre-treated industrial wastewater in the CETP (combined effluent treatment plant) and then followed by biological treatment. The treated wastewater will be passed through MBR and RO for tertiary treatment.
xviii) No sewage or untreated effluent water would be discharged through storm water drains	

xix) ^{Public} The existing water body, canals and Rajakaluve and other drainage and water bound structures shall be retained unaltered with due buffer zone as applicable and maintained under tree cover	Not applicable since TKM do not have any existing water body, canals and Rajakaluve and other drainage and water bound structures
xx) Onsite sewage treatment of capacity of treating 100% waste water 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 before the project is commissioned for operation. Treated waste water shall be reused on site for landscape flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change Natural treatment systems shall be promoted.	The sewage water will be passed through screening to remove large materials, then the sewage water will be mixed with pre-treated industrial wastewater in the CETP (combined effluent treatment plant) and then followed by biological treatment. The treated wastewater will be passed through MBR and RO for tertiary treatment.
xxi) Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	
xxii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013	The bio sludge generated from biological treatment will be collected, dried in decanter, composted in-house by rapid composting method and sent to authorized vendor to make compost/ Manure
Noise Monitoring and prevention	
i) Ambient noise levels shall conform to residential area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality 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	Noise level are monitored at construction site on a daily basis - Annexure
ii) 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.	Noise level are monitored at construction site on a daily basis - Annexure
iii) 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.	TKM has taken the measures to reduce Noise nuisance - D.G sets are installed with acoustic enclosures and ear plugs are provided as a PPE to the construction worker
iv) The project proponent shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011 (LB – RES - PIL) on 04.12.2012 for different activities involved in construction work	Noted
Energy Conservation measured	
i) 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	TKM is aligning IGBC guidelines for plant-3 and working towards obtaining platinum certification
ii) Outdoor and common area lighting shall be LED.	TKM will ensure LED lighting ate the outdoor and common area
iii) 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.	TKM new plant design is inline to IGBC guidelines and TKM is aiming towards obtaining platinum certification.
iv) Energy conservation measures like installation of 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.	TKM will ensure installation of LED for lighting area outside the building
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 bye-laws requirement, whichever is higher.	> TKM has installed onsite solar panels of 0.5 MWp ground mount and 7.7 MWp roof top, along with this 18 MW is installed offsite. TKM is sustaining 100% Renewable electricity since June 2021. Provision has been made for installation of solar PV on the roof.
vi) 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 bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Not applicable

Waste Management		Public
ii)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.	The generated C&D waste is stored in a designated location inside the premises. The stored waste will be handed over to authorized vendor and ensure no effect to community.	
iii)Separate wet and dry bins must be provided and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	The generated solid waste are stored inside the premises in the colour coded bins and then handed over to authorized vendors for disposal	
Organic waste compost/ Vermiculture pit/ Organic Waste Converter/ Biogas shall be set up within the premises to manage the organic waste generated.	Organic waste generated is composted inside the premises.	
v)All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	TKM has colour coded bins for efficient segregation and the segregated waste are handed over to authorized vendor	
vi)Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board	TKM has colour coded bins for efficient segregation and the segregated waste are handed over to authorized vendors	
vii)Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Noted, and TKM will ensure use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	
viii)Fly ash should be used as construction material as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in construction	TKM is ensuring that the construction materials has flash content and ready mixed concrete is used in the construction	
ix)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	TKM ensure compliance to construction and demolition management rules	
x)Used CFLs/TFLs/LED should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	TKM will ensure that Used CFLs/TFLs/LED will be properly collected and disposed as per the prescribed guidelines.	
Green Cover		
i)No tree cutting/transplantation should be carried out unless exigencies demand. Where absolutely necessary, tree transplantation 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).	Considering new project TKM is realigning the layout, and TKM is focusing on transplantation of the trees and whenever transplantation is not possible TKM has obtained tree cut permit from Karnataka Forest department as per Tree preservation act.	
A minimum of 1 tree for every 9 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.	TKM will ensure that minimum of 1 tree for every 9 Sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning will 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.	
iii)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).	TKM has obtained tree cut permit to cut 251 trees. TKM is planning to plant more than 4000 inside the premises and the development status will be provided in upcoming half yearly returns.	
iv)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.	Topsoil excavated is stored inside the premises and then the stored topsoil will be used for construction/ landscaping	

Public	
Transport	
i) A comprehensive mobility plan, as per Mound 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.	TKM has a traffic management plan made to reduce the traffic caused due to construction activity
ii) Vehicles hired for bringing 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 nonpeak hours.	TKM ensure that the Vehicles hired for bringing construction material to the site should be in good condition and emission certificate of the vehicles are checked.
iii) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of roads within a 5 km 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 5 km 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.	TKM is using pre fabricated and mounted materials for construction, because of this the truck movement in minimal, and spillover of debris is also avoided. Along with this, TKM has a traffic management plan made to reduce the traffic caused due to construction activity.
iv) Provide at the main entrances bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.	TKM has provided bell gates, which are located at least 12' inside the boundary of the project to enable smooth flow of traffic on the main road leading to the entrance.
Human Health issues	
i) 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	TKM ensure that 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
ii) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction workforce	TKM has provided all required sanitary and hygienic measures before starting construction activities and maintained throughout the construction phase. Sufficient number of toilets/bathrooms are provided with required mobile toilets.
iii) For indoor air quality the ventilation provisions as per National Building Code of India.	Noted
iv) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	TKM has approved Material safety Risk assessment (MSRA) for construction activity.
v) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Not applicable since the no housing facility is provided for the construction workers at the site
vi) Occupational health surveillance of the workers shall be done on a regular basis.	Workers health checkup is carried out on a regular basis.
vii) A First Aid Room shall be provided in the project both during construction and operations of the project	first aid rooms are provided to the construction workers within the premises

Corporate environment responsibility	
viii) The project proponent shall comply with provision contained in OM vide Finos. 22-65/2017-IA.III dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of providing RO Water purification units, School Infrastructure developments, School Education Supports, Toyota Anganwadi Development Programme, Toyota Education and Skill Promotion, Community Health Centre, Toyota Shaale Arogya Program, Environment Ecozone and shall facilitate rejuvenation of Byramangala Lake which is near by as submitted in PARIVESH Portal. Contact details and Email Ids of Beneficiary in this regard shall be submitted to SEIAA while furnishing the Half Year Compliance report.	As per the mentioned OM, TKM must utilize 0.025% of project investment in the CER activities, TKM has initiated need assessment study in Ramanagara district, to understand the community requirement. The stakeholders of the assessment study are Local panchayath, Municipality, local community etc. Need assessment study will be completed by Jul'25 and upon receival of the report the activities will be planned and implemented. The need assessment report will be submitted.
i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for 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 stakeholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEFCC as a part of six-monthly report.	TKM has organization Environment policy, the policy is mainly concentrated on CO2 reduction, and minimize the water usage, recycling of waste and harmony with nature - attached annexure
ii) 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. The project proponent enter into an agreement with the prospective buyers/ tenants to ensure that they maintain the cell and take care of all environment concerns during the operation phase of the project. In addition, sufficient fees should be levied so as to raise a corpus fund to maintain the Environment cell.	TKM has a separate environment cell with qualified personnel, this cell take care of all environment concerns during the operation phase of project.
iii) 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 of Environment, Forest and Climate Change/Regional Office along with the Six Monthly Compliance Report.	As per the EMP, TKM is monitoring Noise and AAQ during construction phase. Complete EMP will be implemented during the operational phase and monitoring report will be submitted.
Miscellaneous	
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 MoEFCC/SEIAA website where it is displayed.	TKM has prominently advertised in two local newspaper of district and state, of which one is in vernacular language within seven days upon receival of the EC - refer the attached annexure 10.
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 has to display the same for 30 days from the date of receipt.	TKM has handed over the approved Environment clearance copies to panchayath, District commissioner office and KSPCB to display in their notice board for the period of 30days - Annexure 11
iii) The Project Proponent shall obtain the construction material such as stones and aggregates etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.	Not applicable, since TKM is getting the ready fabricated and mounted material for construction.
iv) The project proponent shall not use Kharab land if any for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.	TKM is expanding within the premises which is inside KIADB notified industrial area.
The Project proponent shall built in infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both domestic/commercial purpose and DG set and shall ensure that PNG is supplied for both commercial and for DC sets instead of other type of fuels based on feasibility of the DGs..	TKM has built an infrastructure required for use of Piped Natural Gas (PNG) such as pipelines and space for installation of PNG distribution equipment for both domestic/commercial purpose. TKM is going to replace existing D.G sets with battery storage.

Public vi)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.	TKM will 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.
vii)The project proponent shall submit six-monthly reports 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.	Noted
viii)Half Yearly Compliances Reports (HYCRs) on the Environmental Conditions stipulated in the Environmental Clearance (EC) letter shall be submitted strictly through the dedicated module of PARIVESH 2.0 in the timely manner on or before 1st June and 1st December of Each calendar year as per MoEFCC O M dated 14.06.2024. The HYCRs with its contents of a covering letter, compliance reports, and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No. & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID ros.z.bng-mefcc@gov.in. Hard copy of HYCRs shall not be acceptable.	Noted
ix)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.	TKM has submitted environment statement (Form V) for each financial year, previous FY submission acknowledgement is attached for your reference - annexure - Annexure 12.
x)The project proponent shall inform the Regional Office as well as the Ministry of Environment, Forest and Climate Change, 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.	Noted
xi)The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	TKM will ensure compliance to the stipulations made by the State Pollution Control Board and the State Government
xii)The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	TKM will abide by the recommendations made in the EIA report and also the feedbacks received form expert appraisal committee.
xiii)No further expansion or modifications in the plan shall be carried out without prior Environmental Clearance from the competent authority.	TKM will do not expand or carry out modifications in the plan without prior Environmental clearance from the competent authority
xiv)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.	Noted
xv)The State Level Environment Impact Assessment Authority, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xvi)The SEIAA, Karnataka reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
xvii)The Regional Office of MoEFCC 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.	Noted
xviii)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.	Noted
xix)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.	Noted

xx) In case of any material supported by documents/ court orders which is contrary to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.	Public Noted
Additional conditions	
1. Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.	Noted
2. Minimum 25% of parking space shall have charging facility to enable charging of electric vehicles.	TKM ensure compliance to the requirement by providing charging facility at parking area to charge of electric vehicles
3. The PP shall strictly adhere to the local Planning Authority Bye-Laws.	Noted
The PP shall monitor the ambient emissions in line with the parameters stipulated under National Ambient Air Quality Standards.	AAQ at the construction site is monitored in-line with the National ambient air quality standards
5. The PP shall carry out regular health check up for the workers engaged in painting process.	TKM is regularly carrying out health checkup of workers engaged in painting process
6. The PP shall regularly submit the compliance for the CER commitments regularly in HYCR. In case, PP has not fulfilled CER as committed shall be liable to pay Penalty and Environmental Compensation as per the provision of The Jan Vishwas Act-2023. Affidavit in this regard shall be submitted.	As per the mentioned OM, TKM must utilize 0.025% of project investment in the CER activities, TKM has initiated need assessment study in Ramanagara district, to understand the community requirement. The stakeholders of the assessment study are Local panchayath, Municipality, local community etc. Need assessment study will be completed by Jul'25 and upon receipt of the report the activities will be planned and implemented. The need assessment report will be submitted.
7. The PP shall explore the possibilities to phase out use of phosphate in the process.	Noted, TKM will explore the possibilities
8. The PP shall explore the possibilities to establish in house solvent recycling plant	Noted, TKM will explore the possibilities
9. The PP shall adopt end of life vehicle management plan.	Since there is ELV regulation from ministry, TKM is working towards establishing plan to ensure compliance to the regulation.
10. The PP shall ensure minimum of 25% energy savings by adapting Energy Conservation measures.	TKM is undertaking construction as per IGBC guidelines which ensures savings of the energy
11. The PP shall facilitate along with Govt. of Karnataka or its related Departments during the Byramangala Lake rejuvenation as part of CER.	TKM will facilitate along with Govt. of Karnataka or its related Departments if any rejuvenation activity of Byramangala Lake is taken up as part of CER